

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008452.D
 Acq On : 21 Apr 2022 19:45
 Operator : KP/MD
 Sample : VSTDC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC050EC

Quant Time: Apr 22 05:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	139582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77250	47.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.080%			
35) Dibromofluoromethane	7.716	113	79417	51.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.179	98	274120	45.248	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.500%			
62) 4-Bromofluorobenzene	12.483	95	100340	48.785	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	67663	53.381	ug/l	94
3) Chloromethane	2.113	50	71280	35.737	ug/l	95
4) Vinyl Chloride	2.253	62	93740	36.169	ug/l	99
5) Bromomethane	2.650	94	83406	34.611	ug/l	98
6) Chloroethane	2.796	64	63229	36.672	ug/l	94
7) Trichlorofluoromethane	3.125	101	138729	51.672	ug/l	92
8) Diethyl Ether	3.527	74	47001	50.865	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.899	101	82102	51.371	ug/l	93
10) Methyl Iodide	4.094	142	111452	52.829	ug/l #	88
11) Tert butyl alcohol	4.954	59	39467	235.905	ug/l	96
12) 1,1-Dichloroethene	3.875	96	78620	52.105	ug/l #	72
13) Acrolein	3.723	56	35808	204.785	ug/l	98
14) Allyl chloride	4.478	41	85949	43.641	ug/l #	88
15) Acrylonitrile	5.161	53	104812	221.841	ug/l	98
16) Acetone	3.948	43	74018	193.492	ug/l #	80
17) Carbon Disulfide	4.192	76	219541	48.127	ug/l	99
18) Methyl Acetate	4.478	43	43185	40.254	ug/l #	71
19) Methyl tert-butyl Ether	5.216	73	226230	47.385	ug/l	92
20) Methylene Chloride	4.716	84	99781	50.176	ug/l #	71
21) trans-1,2-Dichloroethene	5.222	96	89017	48.364	ug/l #	75
22) Diisopropyl ether	6.118	45	199291	41.903	ug/l #	89
23) Vinyl Acetate	6.057	43	691818	212.168	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	134158	45.316	ug/l #	95
25) 2-Butanone	6.984	43	124668	210.655	ug/l #	70
26) 2,2-Dichloropropane	6.984	77	123286	44.963	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	104680	49.721	ug/l	76
28) Bromochloromethane	7.332	49	50815	42.552	ug/l #	53
29) Tetrahydrofuran	7.344	42	83043	217.861	ug/l #	66
30) Chloroform	7.508	83	154014	47.354	ug/l	99
31) Cyclohexane	7.783	56	113937	42.199	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	134594	47.261	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	112942	46.484	ug/l	94
37) Ethyl Acetate	7.076	43	59076	43.964	ug/l #	88
38) Carbon Tetrachloride	7.899	117	122686	48.599	ug/l	99
39) Methylcyclohexane	9.185	83	147015	47.257	ug/l #	85
40) Benzene	8.161	78	336215	47.431	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008452.D
 Acq On : 21 Apr 2022 19:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 05:28:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	33909m	52.037	ug/l	04/22/2022 Supervised By :Semsettin 87Yesilyurt
42) 1,2-Dichloroethane	8.240	62	96278	45.114	ug/l	
43) Isopropyl Acetate	8.270	43	109167	44.174	ug/l #	81
44) Trichloroethene	8.941	130	96050	49.183	ug/l	97
45) 1,2-Dichloropropane	9.215	63	80220	47.127	ug/l	97
46) Dibromomethane	9.307	93	56606	47.465	ug/l	97
47) Bromodichloromethane	9.496	83	120416	47.565	ug/l	99
48) Methyl methacrylate	9.295	41	46812	44.550	ug/l #	70
49) 1,4-Dioxane	9.295	88	15251	1014.143	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	289446	222.645	ug/l #	81
52) Toluene	10.246	92	223979	47.780	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	127258	46.874	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	140476	46.693	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	79020	48.547	ug/l	94
56) Ethyl methacrylate	10.508	69	102483	48.763	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	124192	46.740	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	267097	231.891	ug/l #	85
59) 2-Hexanone	10.831	43	200445	224.055	ug/l	78
60) Dibromochloromethane	10.983	129	94780	50.682	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80434	49.963	ug/l	99
64) Tetrachloroethene	10.721	164	81708	48.757	ug/l	97
65) Chlorobenzene	11.520	112	250824	49.088	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95567	50.659	ug/l	97
67) Ethyl Benzene	11.593	91	422283	47.619	ug/l	96
68) m/p-Xylenes	11.703	106	343380	96.669	ug/l	89
69) o-Xylene	12.032	106	167995	49.125	ug/l	88
70) Styrene	12.044	104	280726	48.712	ug/l	93
71) Bromoform	12.209	173	62809	53.126	ug/l #	99
73) Isopropylbenzene	12.331	105	429395	47.446	ug/l	98
74) N-amyl acetate	12.142	43	97837	43.752	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	93742	46.359	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	55858m	36.159	ug/l	
77) Bromobenzene	12.611	156	108545	49.178	ug/l	87
78) n-propylbenzene	12.672	91	497871	45.864	ug/l	96
79) 2-Chlorotoluene	12.757	91	279467	45.742	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	370663	49.343	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	30804	46.261	ug/l #	79
82) 4-Chlorotoluene	12.855	91	287629	45.430	ug/l	92
83) tert-Butylbenzene	13.075	119	316683	48.562	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	380643	51.069	ug/l	95
85) sec-Butylbenzene	13.251	105	460500	46.792	ug/l	97
86) p-Isopropyltoluene	13.367	119	390524	47.382	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	209700	47.456	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	210571	48.105	ug/l	98
89) n-Butylbenzene	13.696	91	342084	45.729	ug/l	96
90) Hexachloroethane	13.958	117	73574	49.652	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	189357	48.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14144	46.544	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	102819	47.012	ug/l	99
94) Hexachlorobutadiene	15.111	225	49535	46.419	ug/l	99
95) Naphthalene	15.239	128	243212	49.053	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	88608	46.287	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
Data File : VY008452.D
Acq On : 21 Apr 2022 19:45
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 05:28:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

04/22/2022
Supervised By :Semsettin
Yesilyurt

04/22/2022

