

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008261.D
 Acq On : 08 Apr 2022 17:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040822

Quant Time: Apr 09 04:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65599	43.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.820%		
35) Dibromofluoromethane	7.716	113	73705	47.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.580%		
50) Toluene-d8	10.179	98	264268	50.071	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.483	95	92304	46.498	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52050	39.070	ug/l	98
3) Chloromethane	2.113	50	68924	45.156	ug/l	95
4) Vinyl Chloride	2.253	62	92407	40.321	ug/l	97
5) Bromomethane	2.656	94	76938	42.545	ug/l	98
6) Chloroethane	2.796	64	65381	40.732	ug/l	100
7) Trichlorofluoromethane	3.125	101	112589	41.287	ug/l	97
8) Diethyl Ether	3.527	74	39986	40.574	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	73656	41.581	ug/l	93
10) Methyl Iodide	4.094	142	84308	42.944	ug/l	89
11) Tert butyl alcohol	4.948	59	34194	211.666	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	67758	42.704	ug/l #	76
13) Acrolein	3.729	56	31050	244.104	ug/l	99
14) Allyl chloride	4.478	41	88309	42.645	ug/l #	90
15) Acrylonitrile	5.161	53	99434	206.287	ug/l	98
16) Acetone	3.942	43	83685	230.251	ug/l #	83
17) Carbon Disulfide	4.198	76	170691	40.778	ug/l	99
18) Methyl Acetate	4.478	43	40213	45.136	ug/l #	78
19) Methyl tert-butyl Ether	5.222	73	206409	42.153	ug/l	94
20) Methylene Chloride	4.716	84	83700	42.413	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	80301	42.240	ug/l #	78
22) Diisopropyl ether	6.118	45	208047	42.584	ug/l #	89
23) Vinyl Acetate	6.057	43	682408	215.568	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	136048	43.382	ug/l	98
25) 2-Butanone	6.984	43	121903	214.499	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	126491	43.799	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	95814	42.479	ug/l	81
28) Bromochloromethane	7.332	49	58378	48.566	ug/l #	66
29) Tetrahydrofuran	7.350	42	76621	208.821	ug/l #	71
30) Chloroform	7.508	83	149160	42.596	ug/l	97
31) Cyclohexane	7.783	56	108385	39.665	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	133618	43.620	ug/l	94
36) 1,1-Dichloropropene	7.917	75	107633	43.700	ug/l	94
37) Ethyl Acetate	7.076	43	53788	42.353	ug/l #	90
38) Carbon Tetrachloride	7.899	117	117344	44.285	ug/l	97
39) Methylcyclohexane	9.185	83	136443	43.055	ug/l #	83
40) Benzene	8.161	78	321597	43.847	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008261.D
 Acq On : 08 Apr 2022 17:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040822

Quant Time: Apr 09 04:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	33044m	46.509	ug/l	
42) 1,2-Dichloroethane	8.234	62	91067	42.798	ug/l	90
43) Isopropyl Acetate	8.270	43	101757	43.172	ug/l #	84
44) Trichloroethene	8.941	130	91744	43.891	ug/l	99
45) 1,2-Dichloropropane	9.215	63	77194	43.084	ug/l	95
46) Dibromomethane	9.307	93	50922	42.941	ug/l	96
47) Bromodichloromethane	9.496	83	116441	43.661	ug/l	97
48) Methyl methacrylate	9.295	41	42993	42.908	ug/l #	72
49) 1,4-Dioxane	9.295	88	13360	873.001	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	270573	222.315	ug/l #	82
52) Toluene	10.246	92	215216	44.537	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	119930	44.125	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	135547	44.205	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	72653	42.949	ug/l	95
56) Ethyl methacrylate	10.508	69	92913	44.800	ug/l #	72
57) 1,3-Dichloropropane	10.794	76	116549	42.905	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	176300	215.807	ug/l #	88
59) 2-Hexanone	10.831	43	187855	224.316	ug/l	79
60) Dibromochloromethane	10.990	129	87598	44.331	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71896	43.471	ug/l	99
64) Tetrachloroethene	10.721	164	76359	44.595	ug/l	97
65) Chlorobenzene	11.520	112	240923	45.729	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	91252	46.415	ug/l	98
67) Ethyl Benzene	11.593	91	414172	46.227	ug/l	97
68) m/p-Xylenes	11.703	106	333557	93.610	ug/l	89
69) o-Xylene	12.032	106	159781	46.208	ug/l	89
70) Styrene	12.050	104	268920	47.156	ug/l	93
71) Bromoform	12.209	173	55675	46.980	ug/l #	98
73) Isopropylbenzene	12.331	105	420686	47.116	ug/l	99
74) N-amyl acetate	12.148	43	89625	46.234	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	86928	46.011	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	57273m	43.120	ug/l	
77) Bromobenzene	12.611	156	98629	45.078	ug/l	90
78) n-propylbenzene	12.672	91	494528	46.937	ug/l	97
79) 2-Chlorotoluene	12.757	91	275312	46.561	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	344299	47.026	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	28112	47.357	ug/l #	80
82) 4-Chlorotoluene	12.861	91	282577	46.504	ug/l	93
83) tert-Butylbenzene	13.081	119	318025	48.419	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	343525	47.411	ug/l	97
85) sec-Butylbenzene	13.257	105	460834	47.325	ug/l	98
86) p-Isopropyltoluene	13.373	119	384897	47.367	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	202214	46.665	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	200594	46.772	ug/l	98
89) n-Butylbenzene	13.702	91	343538	46.793	ug/l	97
90) Hexachloroethane	13.965	117	72683	47.857	ug/l	83
91) 1,2-Dichlorobenzene	13.745	146	177604	46.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12114	44.815	ug/l	65
93) 1,2,4-Trichlorobenzene	15.013	180	98987	43.411	ug/l	99
94) Hexachlorobutadiene	15.117	225	49475	42.738	ug/l	96
95) Naphthalene	15.239	128	217448	44.519	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	86292	43.245	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
Data File : VY008261.D
Acq On : 08 Apr 2022 17:18
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040822

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/11/2022
Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 09 04:24:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

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

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

