

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009176.D
 Acq On : 08 Jun 2022 18:02
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 01:37:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 01:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	134187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15390	11.898	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.800%#		
35) Dibromofluoromethane	7.716	113	13383	10.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.640%#		
50) Toluene-d8	10.173	98	51483	11.457	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	22.920%#		
62) 4-Bromofluorobenzene	12.477	95	16707	8.738	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	17.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	13352	12.296	ug/l	99
3) Chloromethane	2.107	50	27011	12.400	ug/l	95
4) Vinyl Chloride	2.241	62	38754	11.798	ug/l	94
5) Bromomethane	2.638	94	35527	11.277	ug/l	95
6) Chloroethane	2.778	64	26711	11.261	ug/l	95
7) Trichlorofluoromethane	3.113	101	25373	10.901	ug/l	89
8) Diethyl Ether	3.521	74	7694	10.817	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.881	101	13650	10.782	ug/l	97
10) Methyl Iodide	4.088	142	11159	8.253	ug/l	96
11) Tert butyl alcohol	4.948	59	7109	48.584	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	12495	10.327	ug/l	94
13) Acrolein	3.717	56	3976	54.269	ug/l	98
14) Allyl chloride	4.466	41	16947	9.630	ug/l #	79
15) Acrylonitrile	5.149	53	19593	49.366	ug/l	96
16) Acetone	3.942	43	15025	48.184	ug/l	99
17) Carbon Disulfide	4.180	76	40556	10.692	ug/l	97
18) Methyl Acetate	4.466	43	8851	8.302	ug/l #	87
19) Methyl tert-butyl Ether	5.204	73	36586	9.780	ug/l	99
20) Methylene Chloride	4.698	84	25389	13.492	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	15288	10.243	ug/l #	80
22) Diisopropyl ether	6.112	45	42137	9.100	ug/l #	96
23) Vinyl Acetate	6.052	43	140080	46.902	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	26627	10.099	ug/l	98
25) 2-Butanone	6.978	43	24457	46.256	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	24267	9.590	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	17507	9.963	ug/l	84
28) Bromochloromethane	7.326	49	12350	10.146	ug/l #	96
29) Tetrahydrofuran	7.344	42	15852	44.638	ug/l #	83
30) Chloroform	7.502	83	29196	10.231	ug/l	98
31) Cyclohexane	7.783	56	25613	10.709	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	24961	9.960	ug/l	99
36) 1,1-Dichloropropene	7.911	75	21563	10.124	ug/l	97
37) Ethyl Acetate	7.064	43	11844	9.708	ug/l	96
38) Carbon Tetrachloride	7.893	117	22714	10.220	ug/l	95
39) Methylcyclohexane	9.179	83	25116	9.854	ug/l	92
40) Benzene	8.155	78	61235	9.777	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
 Data File : VY009176.D
 Acq On : 08 Jun 2022 18:02
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
 Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 01:37:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 01:36:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6759m	9.996	ug/l	
42) 1,2-Dichloroethane	8.234	62	19740	10.281	ug/l	92
43) Isopropyl Acetate	8.271	43	21441	9.367	ug/l #	90
44) Trichloroethene	8.935	130	16643	10.367	ug/l	97
45) 1,2-Dichloropropane	9.209	63	15204	9.762	ug/l	95
46) Dibromomethane	9.295	93	10150	10.017	ug/l	92
47) Bromodichloromethane	9.490	83	22724	10.136	ug/l	94
48) Methyl methacrylate	9.289	41	9611	9.607	ug/l	88
49) 1,4-Dioxane	9.295	88	2687	200.243	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	58126	45.525	ug/l	96
52) Toluene	10.240	92	39993	9.525	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	22331	9.313	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	25201	9.687	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	12538	9.114	ug/l	95
56) Ethyl methacrylate	10.508	69	14799	8.336	ug/l	91
57) 1,3-Dichloropropane	10.782	76	21127	9.304	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	41891	45.951	ug/l	96
59) 2-Hexanone	10.831	43	36454	41.539	ug/l	91
60) Dibromochloromethane	10.977	129	15494	9.205	ug/l	98
61) 1,2-Dibromoethane	11.087	107	12777	9.486	ug/l	99
64) Tetrachloroethene	10.715	164	14175	14.643	ug/l	95
65) Chlorobenzene	11.514	112	30086	9.757	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.581	131	10529	9.228	ug/l	96
67) Ethyl Benzene	11.587	91	48709	8.860	ug/l	98
68) m/p-Xylenes	11.697	106	38680	17.210	ug/l	87
69) o-Xylene	12.026	106	17888	8.398	ug/l	95
70) Styrene	12.044	104	32827	8.685	ug/l	95
71) Bromoform	12.203	173	9445	12.026	ug/l #	97
73) Isopropylbenzene	12.325	105	68547	8.267	ug/l	99
74) N-amyl acetate	12.142	43	18239	7.981	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	16152	8.957	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	11357m	8.803	ug/l	
77) Bromobenzene	12.605	156	16497	8.524	ug/l	97
78) n-propylbenzene	12.666	91	85439	8.373	ug/l	99
79) 2-Chlorotoluene	12.758	91	46310	8.345	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	56189	7.922	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	5236	7.844	ug/l	91
82) 4-Chlorotoluene	12.855	91	48964	8.057	ug/l	96
83) tert-Butylbenzene	13.075	119	50125	8.126	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	56942	7.973	ug/l	97
85) sec-Butylbenzene	13.251	105	78709	9.583	ug/l	98
86) p-Isopropyltoluene	13.367	119	61944	9.285	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	34421	9.621	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	35255	10.076	ug/l	99
89) n-Butylbenzene	13.696	91	59238	9.619	ug/l	99
90) Hexachloroethane	13.959	117	13552	11.357	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	30549	10.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2404	11.089	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	17437	11.225	ug/l	97
94) Hexachlorobutadiene	15.111	225	10510	12.319	ug/l	98
95) Naphthalene	15.239	128	33883	10.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	15418	11.332	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060822\
Data File : VY009176.D
Acq On : 08 Jun 2022 18:02
Operator : KP/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/09/2022
Supervised By :Semsettin Yesilyurt 06/10/2022

Quant Time: Jun 09 01:37:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060822S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 01:36:09 2022
Response via : Initial Calibration

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

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

