

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078543.D
 Acq On : 23 Feb 2024 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 24 00:26:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65070	51.013	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.020%			
35) Dibromofluoromethane	7.805	113	70503	55.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.380%			
50) Toluene-d8	10.269	98	271442	53.114	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.575	95	85702	57.626	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63006	54.205	ug/l	97
3) Chloromethane	2.146	50	126028	58.998	ug/l	98
4) Vinyl Chloride	2.275	62	195486	59.972	ug/l	97
5) Bromomethane	2.681	94	119436	53.084	ug/l	100
6) Chloroethane	2.828	64	138525	58.280	ug/l	99
7) Trichlorofluoromethane	3.169	101	114234	51.952	ug/l	100
8) Diethyl Ether	3.593	74	35871	56.638	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	71307	51.405	ug/l	97
10) Methyl Iodide	4.152	142	70091	56.415	ug/l	92
11) Tert butyl alcohol	5.075	59	20324	294.995	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	67789	52.711	ug/l	87
13) Acrolein	3.799	56	17411	147.750	ug/l	99
14) Allyl chloride	4.558	41	79386	49.968	ug/l	91
15) Acrylonitrile	5.252	53	79574	293.497	ug/l	97
16) Acetone	4.028	43	64411	264.284	ug/l	89
17) Carbon Disulfide	4.264	76	196995	45.522	ug/l	97
18) Methyl Acetate	4.569	43	66960	70.098	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	165522	60.578	ug/l	97
20) Methylene Chloride	4.799	84	88516	62.000	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	80461	53.183	ug/l	95
22) Diisopropyl ether	6.216	45	196158	56.018	ug/l	97
23) Vinyl Acetate	6.158	43	378922	264.858	ug/l	96
24) 1,1-Dichloroethane	6.110	63	134530	54.232	ug/l	95
25) 2-Butanone	7.087	43	93776	292.858	ug/l	95
26) 2,2-Dichloropropane	7.075	77	107360	51.627	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	91790	55.298	ug/l	96
28) Bromochloromethane	7.422	49	43246	44.015	ug/l	93
29) Tetrahydrofuran	7.446	42	58802	309.978	ug/l	92
30) Chloroform	7.599	83	147778	56.305	ug/l	98
31) Cyclohexane	7.875	56	101285	46.940	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	122898	54.921	ug/l	99
36) 1,1-Dichloropropene	8.010	75	106229	53.525	ug/l	96
37) Ethyl Acetate	7.169	43	38565	55.432	ug/l	99
38) Carbon Tetrachloride	7.993	117	109312	55.616	ug/l	98
39) Methylcyclohexane	9.269	83	125102	53.096	ug/l	95
40) Benzene	8.252	78	326518	56.919	ug/l	99

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Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20732	57.259	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	85242	57.428	ug/l	95
43) Isopropyl Acetate	8.363	43	75508	58.611	ug/l	98
44) Trichloroethene	9.028	130	83529	57.075	ug/l	98
45) 1,2-Dichloropropane	9.304	63	81735	58.071	ug/l	100
46) Dibromomethane	9.393	93	47885	60.486	ug/l	92
47) Bromodichloromethane	9.587	83	117907	60.130	ug/l	96
48) Methyl methacrylate	9.381	41	45955	67.236	ug/l	87
49) 1,4-Dioxane	9.387	88	11635	1357.090	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	216468	316.585	ug/l	95
52) Toluene	10.334	92	213410	58.828	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	105847	59.159	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	127974	58.986	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	67837	63.629	ug/l	90
56) Ethyl methacrylate	10.598	69	55518	56.305	ug/l	93
57) 1,3-Dichloropropane	10.875	76	108624	59.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	177367	305.379	ug/l	98
59) 2-Hexanone	10.922	43	154685	301.029	ug/l	94
60) Dibromochloromethane	11.075	129	83140	64.814	ug/l	97
61) 1,2-Dibromoethane	11.181	107	65428	65.369	ug/l	100
64) Tetrachloroethene	10.810	164	70776	58.656	ug/l	97
65) Chlorobenzene	11.610	112	230528	60.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	87183	61.771	ug/l	98
67) Ethyl Benzene	11.681	91	407866	59.272	ug/l	97
68) m/p-Xylenes	11.793	106	324736	120.982	ug/l	94
69) o-Xylene	12.122	106	148719	60.715	ug/l	95
70) Styrene	12.134	104	235000	58.784	ug/l	98
71) Bromoform	12.298	173	49408	66.509	ug/l #	100
73) Isopropylbenzene	12.422	105	393078	55.562	ug/l	96
74) N-amyl acetate	12.234	43	73011	54.551	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	81094	57.785	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	51887m	58.010	ug/l	
77) Bromobenzene	12.698	156	99131	59.623	ug/l	96
78) n-propylbenzene	12.763	91	475789	53.967	ug/l	97
79) 2-Chlorotoluene	12.851	91	256911	54.407	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	329965	56.169	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	23612	54.804	ug/l	99
82) 4-Chlorotoluene	12.945	91	276293	54.479	ug/l	96
83) tert-Butylbenzene	13.169	119	287181	57.966	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	338372	56.755	ug/l	97
85) sec-Butylbenzene	13.345	105	425898	55.431	ug/l	96
86) p-Isopropyltoluene	13.463	119	377245	57.645	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	202503	57.066	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	197067	56.519	ug/l	97
89) n-Butylbenzene	13.787	91	348790	55.295	ug/l	98
90) Hexachloroethane	14.051	117	72655	54.016	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	175947	59.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9980	54.311	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	107701	61.499	ug/l	96
94) Hexachlorobutadiene	15.204	225	56100	61.372	ug/l	97
95) Naphthalene	15.334	128	211867	65.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	95175	64.125	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

