

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078458.D
 Acq On : 19 Feb 2024 09:58
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

Quant Time: Feb 19 23:47:01 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

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	156024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	260599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76290	45.222	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.440%		
35) Dibromofluoromethane	7.810	113	83673	50.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.100%		
50) Toluene-d8	10.269	98	328762	49.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.569	95	94505	49.042	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.080%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	76259	49.606	ug/l	94
3) Chloromethane	2.152	50	121643	43.057	ug/l	96
4) Vinyl Chloride	2.287	62	183810	42.637	ug/l	97
5) Bromomethane	2.699	94	135601	45.570	ug/l	99
6) Chloroethane	2.840	64	136547	43.437	ug/l	95
7) Trichlorofluoromethane	3.181	101	139496	47.968	ug/l	95
8) Diethyl Ether	3.599	74	39293	46.910	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	86921	47.379	ug/l	97
10) Methyl Iodide	4.169	142	86311	52.527	ug/l	93
11) Tert butyl alcohol	5.057	59	20146	219.649	ug/l	99
12) 1,1-Dichloroethene	3.940	96	80891	47.559	ug/l	86
13) Acrolein	3.805	56	27500	176.451	ug/l	94
14) Allyl chloride	4.563	41	97344	46.328	ug/l	93
15) Acrylonitrile	5.252	53	84308	235.120	ug/l	98
16) Acetone	4.028	43	96928	306.336	ug/l #	83
17) Carbon Disulfide	4.275	76	258501	45.167	ug/l	98
18) Methyl Acetate	4.563	43	69106	55.931	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	176362	48.804	ug/l	94
20) Methylene Chloride	4.805	84	98279	51.521	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	96679	48.317	ug/l	98
22) Diisopropyl ether	6.216	45	217157	46.890	ug/l	94
23) Vinyl Acetate	6.157	43	426146m	222.999	ug/l	
24) 1,1-Dichloroethane	6.116	63	159659	48.665	ug/l	96
25) 2-Butanone	7.081	43	112303	263.599	ug/l	91
26) 2,2-Dichloropropane	7.075	77	136246	49.539	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	107343	48.897	ug/l	96
28) Bromochloromethane	7.428	49	61997	47.711	ug/l	92
29) Tetrahydrofuran	7.446	42	59005	235.188	ug/l	94
30) Chloroform	7.599	83	168344	48.498	ug/l	99
31) Cyclohexane	7.881	56	129084	45.233	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	146551	49.519	ug/l	99
36) 1,1-Dichloropropene	8.010	75	129853	50.495	ug/l	98
37) Ethyl Acetate	7.163	43	42347	46.976	ug/l	97
38) Carbon Tetrachloride	7.993	117	131934	51.806	ug/l	94
39) Methylcyclohexane	9.275	83	160262	52.495	ug/l	96
40) Benzene	8.251	78	386817	52.040	ug/l	97

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Quant Title : SW846 8260

QLast Update : Wed Feb 14 01:16:20 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	21014m	44.792	ug/l	
42) 1,2-Dichloroethane	8.328	62	92170	47.923	ug/l	96
43) Isopropyl Acetate	8.363	43	80830	48.422	ug/l	95
44) Trichloroethene	9.028	130	103123	54.381	ug/l	99
45) 1,2-Dichloropropane	9.310	63	93209	51.109	ug/l	97
46) Dibromomethane	9.393	93	53781	52.429	ug/l	91
47) Bromodichloromethane	9.587	83	131889	51.910	ug/l	99
48) Methyl methacrylate	9.381	41	45454	51.325	ug/l	86
49) 1,4-Dioxane	9.387	88	11560	1040.608	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	215371	243.092	ug/l	94
52) Toluene	10.334	92	247890	52.737	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	116321	50.175	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	142551	50.709	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	71234	51.566	ug/l	99
56) Ethyl methacrylate	10.598	69	56533	44.249	ug/l	94
57) 1,3-Dichloropropane	10.875	76	116945	49.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156778	208.324	ug/l	98
59) 2-Hexanone	10.922	43	165402	248.421	ug/l	94
60) Dibromochloromethane	11.075	129	86825	52.238	ug/l	95
61) 1,2-Dibromoethane	11.181	107	67209	51.823	ug/l	99
64) Tetrachloroethene	10.810	164	82233	53.703	ug/l	95
65) Chlorobenzene	11.610	112	263449	54.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	95724	53.445	ug/l	96
67) Ethyl Benzene	11.681	91	465512	53.308	ug/l	98
68) m/p-Xylenes	11.792	106	373739	109.721	ug/l	94
69) o-Xylene	12.122	106	166216	53.472	ug/l	92
70) Styrene	12.134	104	260856	51.419	ug/l	97
71) Bromoform	12.298	173	51958	55.115	ug/l #	98
73) Isopropylbenzene	12.422	105	449687	52.016	ug/l	96
74) N-amyl acetate	12.234	43	69748	42.646	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	80521	46.953	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	52102m	47.668	ug/l	
77) Bromobenzene	12.698	156	106468	52.402	ug/l	95
78) n-propylbenzene	12.763	91	550165	51.066	ug/l	97
79) 2-Chlorotoluene	12.851	91	286780	49.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	379939	52.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	24245	46.049	ug/l	98
82) 4-Chlorotoluene	12.945	91	307326	49.589	ug/l	97
83) tert-Butylbenzene	13.163	119	327008	54.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	384395	52.761	ug/l	97
85) sec-Butylbenzene	13.345	105	481162	51.247	ug/l	97
86) p-Isopropyltoluene	13.457	119	429614	53.721	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	218304	50.343	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	218700	51.328	ug/l	99
89) n-Butylbenzene	13.786	91	401935	52.144	ug/l	98
90) Hexachloroethane	14.051	117	81949	49.857	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	187410	51.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10132	45.121	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	113232	52.911	ug/l	98
94) Hexachlorobutadiene	15.204	225	61133	54.728	ug/l	98
95) Naphthalene	15.333	128	205896	51.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	96668	53.299	ug/l	98

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

