

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078383.D
 Acq On : 09 Feb 2024 11:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 22:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	137438	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	235457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66964	39.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.720%		
35) Dibromofluoromethane	7.804	113	70400	41.998	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.000%		
50) Toluene-d8	10.269	98	263148	41.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.920%		
62) 4-Bromofluorobenzene	12.569	95	81491	42.877	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	74364	51.663	ug/l	99
3) Chloromethane	2.152	50	142063	49.690	ug/l	98
4) Vinyl Chloride	2.281	62	187478	49.712	ug/l	99
5) Bromomethane	2.687	94	96696	42.352	ug/l	100
6) Chloroethane	2.834	64	123129	47.268	ug/l	96
7) Trichlorofluoromethane	3.169	101	152390	47.727	ug/l	99
8) Diethyl Ether	3.593	74	45492	48.163	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.969	101	91331	46.609	ug/l	94
10) Methyl Iodide	4.158	142	85251	47.827	ug/l #	87
11) Tert butyl alcohol	5.058	59	23399m	215.609	ug/l	
12) 1,1-Dichloroethene	3.940	96	86732	45.872	ug/l #	84
13) Acrolein	3.799	56	17591	134.159	ug/l	95
14) Allyl chloride	4.563	41	114351	45.872	ug/l	89
15) Acrylonitrile	5.252	53	92868	222.441	ug/l	98
16) Acetone	4.028	43	91907	229.220	ug/l #	79
17) Carbon Disulfide	4.269	76	274155	42.950	ug/l	100
18) Methyl Acetate	4.563	43	46211	50.958	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	186578	47.449	ug/l	100
20) Methylene Chloride	4.799	84	99173	48.002	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	99375	46.484	ug/l	85
22) Diisopropyl ether	6.222	45	253476	47.786	ug/l	93
23) Vinyl Acetate	6.157	43	742226	229.351	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	172455	46.964	ug/l	96
25) 2-Butanone	7.081	43	125536	221.429	ug/l	91
26) 2,2-Dichloropropane	7.075	77	147016	49.012	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	111549	47.080	ug/l	90
28) Bromochloromethane	7.428	49	46004	35.125	ug/l #	78
29) Tetrahydrofuran	7.451	42	67412	222.268	ug/l	88
30) Chloroform	7.593	83	177423	47.255	ug/l	98
31) Cyclohexane	7.875	56	139998	43.936	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	159652	49.340	ug/l	98
36) 1,1-Dichloropropene	8.004	75	141731	50.988	ug/l	95
37) Ethyl Acetate	7.169	43	45834	42.841	ug/l #	95
38) Carbon Tetrachloride	7.987	117	141158	51.646	ug/l	95
39) Methylcyclohexane	9.275	83	161643	49.184	ug/l	96
40) Benzene	8.251	78	394645	48.658	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26028	45.252	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	103255	49.085	ug/l	93
43) Isopropyl Acetate	8.363	43	94843	49.443	ug/l #	89
44) Trichloroethene	9.028	130	102630	51.532	ug/l	90
45) 1,2-Dichloropropane	9.304	63	96133	48.477	ug/l	98
46) Dibromomethane	9.398	93	51741	47.026	ug/l	92
47) Bromodichloromethane	9.587	83	133555	49.337	ug/l	97
48) Methyl methacrylate	9.381	41	47642	51.975	ug/l #	77
49) 1,4-Dioxane	9.381	88	11629	942.204	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	253259	244.060	ug/l	90
52) Toluene	10.334	92	252114	51.247	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	125753	49.734	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	153198	51.178	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	72419	50.438	ug/l	96
56) Ethyl methacrylate	10.598	69	82702	50.782	ug/l #	82
57) 1,3-Dichloropropane	10.875	76	122498	49.480	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	164527	222.153	ug/l	98
59) 2-Hexanone	10.922	43	189595	242.598	ug/l	86
60) Dibromochloromethane	11.069	129	85480	51.286	ug/l	94
61) 1,2-Dibromoethane	11.181	107	67102	49.500	ug/l	99
64) Tetrachloroethene	10.810	164	79650	53.062	ug/l	94
65) Chlorobenzene	11.604	112	256470	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	94854	51.742	ug/l	97
67) Ethyl Benzene	11.681	91	488670	52.394	ug/l	96
68) m/p-Xylenes	11.792	106	381533	106.329	ug/l	90
69) o-Xylene	12.122	106	176211	53.436	ug/l	90
70) Styrene	12.134	104	299461	53.176	ug/l	95
71) Bromoform	12.298	173	48382	53.586	ug/l #	99
73) Isopropylbenzene	12.422	105	456802	51.589	ug/l	95
74) N-amyl acetate	12.234	43	89612	48.933	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	82313	48.137	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	52244m	47.762	ug/l	
77) Bromobenzene	12.698	156	98910	50.760	ug/l	84
78) n-propylbenzene	12.763	91	576265	52.244	ug/l	94
79) 2-Chlorotoluene	12.851	91	303800	51.451	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	385369	53.497	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	25390	46.164	ug/l	91
82) 4-Chlorotoluene	12.945	91	322070	51.164	ug/l	94
83) tert-Butylbenzene	13.163	119	332889	54.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	386318	53.007	ug/l	95
85) sec-Butylbenzene	13.345	105	503450	52.189	ug/l	96
86) p-Isopropyltoluene	13.457	119	426459	53.974	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	213812	52.818	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	203925	50.915	ug/l	97
89) n-Butylbenzene	13.786	91	408823	53.098	ug/l	98
90) Hexachloroethane	14.051	117	81498	51.641	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	176801	51.051	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11728	48.927	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	103623	51.729	ug/l	99
94) Hexachlorobutadiene	15.204	225	55473	56.514	ug/l	98
95) Naphthalene	15.328	128	209485	52.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	92288	52.324	ug/l	98

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

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