

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075466.D
 Acq On : 08 Mar 2023 11:26
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 09 02:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 03/09/2023
 Supervised By :Mahesh
 Dadoda
 03/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	251934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	412029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	373689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	186633	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80628	49.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.805	113	110003	46.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.140%
50) Toluene-d8	10.269	98	387839	44.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.575	95	126470	48.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.760%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	110998	44.669	ug/l	96
3) Chloromethane	2.146	50	206093	57.257	ug/l	96
4) Vinyl Chloride	2.287	62	293852	49.383	ug/l	98
5) Bromomethane	2.693	94	211271	43.986	ug/l	97
6) Chloroethane	2.840	64	197635	50.073	ug/l	99
7) Trichlorofluoromethane	3.175	101	221397	47.608	ug/l	99
8) Diethyl Ether	3.593	74	59091	47.005	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.969	101	145537	47.849	ug/l	93
10) Methyl Iodide	4.164	142	156512	46.540	ug/l	92
11) Tert butyl alcohol	5.058	59	23201	222.893	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	141984	47.256	ug/l	91
13) Acrolein	3.799	56	53104	220.370	ug/l	96
14) Allyl chloride	4.558	41	124226	46.965	ug/l #	81
15) Acrylonitrile	5.252	53	109178	234.366	ug/l	95
16) Acetone	4.022	43	107153	264.047	ug/l #	86
17) Carbon Disulfide	4.269	76	460104	48.019	ug/l	97
18) Methyl Acetate	4.564	43	57719	47.373	ug/l #	72
19) Methyl tert-butyl Ether	5.322	73	256684	50.073	ug/l	92
20) Methylene Chloride	4.805	84	159697	50.031	ug/l #	75
21) trans-1,2-Dichloroethene	5.311	96	167093	49.819	ug/l #	79
22) Diisopropyl ether	6.216	45	281352	50.243	ug/l #	88
23) Vinyl Acetate	6.158	43	691323	250.714	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	234408	48.422	ug/l	96
25) 2-Butanone	7.081	43	127580	243.030	ug/l #	64
26) 2,2-Dichloropropane	7.081	77	215893	49.301	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	177628	49.229	ug/l	81
28) Bromochloromethane	7.422	49	80616	49.768	ug/l #	44
29) Tetrahydrofuran	7.446	42	70722	243.559	ug/l #	57
30) Chloroform	7.599	83	260635	49.481	ug/l	97
31) Cyclohexane	7.875	56	194301	48.049	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	232211	49.822	ug/l	95
36) 1,1-Dichloropropene	8.010	75	207941	51.575	ug/l	94
37) Ethyl Acetate	7.169	43	53837	51.780	ug/l #	80
38) Carbon Tetrachloride	7.987	117	198488	53.161	ug/l	97
39) Methylcyclohexane	9.275	83	268011	53.026	ug/l #	89
40) Benzene	8.252	78	603541	51.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	28737	51.730	ug/l	#	66
42) 1,2-Dichloroethane	8.328	62	134145	50.980	ug/l		90
43) Isopropyl Acetate	8.357	43	98283	49.479	ug/l	#	79
44) Trichloroethene	9.028	130	173391	50.146	ug/l		91
45) 1,2-Dichloropropane	9.304	63	131292	50.946	ug/l		92
46) Dibromomethane	9.393	93	80838	51.807	ug/l		95
47) Bromodichloromethane	9.587	83	191319	50.858	ug/l		99
48) Methyl methacrylate	9.381	41	48571	51.792	ug/l	#	61
49) 1,4-Dioxane	9.387	88	15044	1016.697	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.157	43	258445	254.508	ug/l	#	77
52) Toluene	10.334	92	400061	52.727	ug/l		95
53) t-1,3-Dichloropropene	10.557	75	178724	52.372	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	217196	51.641	ug/l	#	76
55) 1,1,2-Trichloroethane	10.734	97	114178	52.477	ug/l		92
56) Ethyl methacrylate	10.598	69	111508	51.564	ug/l	#	68
57) 1,3-Dichloropropane	10.881	76	175843	50.965	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	281781	265.040	ug/l	#	87
59) 2-Hexanone	10.922	43	191880	267.848	ug/l		73
60) Dibromochloromethane	11.075	129	132742	51.180	ug/l		96
61) 1,2-Dibromoethane	11.181	107	105182	51.189	ug/l		97
64) Tetrachloroethene	10.810	164	140724	49.417	ug/l		93
65) Chlorobenzene	11.610	112	423812	50.914	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	146800	51.956	ug/l		96
67) Ethyl Benzene	11.687	91	745322	52.433	ug/l		96
68) m/p-Xylenes	11.793	106	616755	106.549	ug/l		92
69) o-Xylene	12.122	106	278845	52.986	ug/l		93
70) Styrene	12.140	104	479637	53.745	ug/l		93
71) Bromoform	12.298	173	74764	51.381	ug/l	#	96
73) Isopropylbenzene	12.422	105	717997	51.655	ug/l		98
74) N-amyl acetate	12.234	43	88721	49.861	ug/l	#	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	115382	48.633	ug/l		95
76) 1,2,3-Trichloropropane	12.728	75	71004m	48.023	ug/l		
77) Bromobenzene	12.704	156	161757	49.625	ug/l		89
78) n-propylbenzene	12.769	91	871263	51.717	ug/l		97
79) 2-Chlorotoluene	12.851	91	458961	50.415	ug/l		92
80) 1,3,5-Trimethylbenzene	12.910	105	588835	51.842	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	36042	50.570	ug/l	#	68
82) 4-Chlorotoluene	12.951	91	474213	50.271	ug/l		91
83) tert-Butylbenzene	13.169	119	510821	52.460	ug/l		93
84) 1,2,4-Trimethylbenzene	13.216	105	584428	52.261	ug/l		94
85) sec-Butylbenzene	13.345	105	792394	52.376	ug/l		98
86) p-Isopropyltoluene	13.463	119	664445	52.843	ug/l		95
87) 1,3-Dichlorobenzene	13.463	146	344564	50.875	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	335505	50.257	ug/l		98
89) n-Butylbenzene	13.792	91	604978	51.778	ug/l		97
90) Hexachloroethane	14.057	117	123208	50.508	ug/l		98
91) 1,2-Dichlorobenzene	13.834	146	291627	50.336	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14944	47.955	ug/l		73
93) 1,2,4-Trichlorobenzene	15.104	180	163851	50.222	ug/l		98
94) Hexachlorobutadiene	15.210	225	81852	49.588	ug/l		97
95) Naphthalene	15.334	128	302041	49.307	ug/l		100
96) 1,2,3-Trichlorobenzene	15.528	180	142977	50.521	ug/l		98

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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

