

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075607.D
 Acq On : 07 Apr 2023 18:11
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/10/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 10 02:08:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88125	47.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.810	113	127008	67.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.640%
50) Toluene-d8	10.269	98	435779	58.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.940%
62) 4-Bromofluorobenzene	12.575	95	124515	57.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71102	34.947	ug/l	96
3) Chloromethane	2.146	50	134078	43.248	ug/l	98
4) Vinyl Chloride	2.281	62	187389	38.271	ug/l	96
5) Bromomethane	2.693	94	149605	39.001	ug/l	97
6) Chloroethane	2.840	64	130073	39.660	ug/l	93
7) Trichlorofluoromethane	3.175	101	145656	36.909	ug/l	100
8) Diethyl Ether	3.599	74	44995	42.711	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	94777	36.910	ug/l	93
10) Methyl Iodide	4.164	142	122205	39.892	ug/l	91
11) Tert butyl alcohol	5.046	59	17598	205.854	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	95342	37.597	ug/l	88
13) Acrolein	3.793	56	27784	163.334	ug/l	97
14) Allyl chloride	4.564	41	86042	39.435	ug/l #	81
15) Acrylonitrile	5.258	53	84663	219.160	ug/l	98
16) Acetone	4.022	43	73710	233.709	ug/l #	85
17) Carbon Disulfide	4.269	76	288230	37.672	ug/l	100
18) Methyl Acetate	4.564	43	44994	45.908	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	195775	44.519	ug/l	94
20) Methylene Chloride	4.799	84	124593	46.931	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	114598	39.753	ug/l #	78
22) Diisopropyl ether	6.216	45	210600	44.533	ug/l #	88
23) Vinyl Acetate	6.158	43	511196	222.739	ug/l #	83
24) 1,1-Dichloroethane	6.111	63	171557	41.882	ug/l	98
25) 2-Butanone	7.081	43	92844	215.074	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	148097	39.309	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	129135	41.803	ug/l	81
28) Bromochloromethane	7.428	49	66244	50.163	ug/l #	37
29) Tetrahydrofuran	7.440	42	59176	251.869	ug/l #	54
30) Chloroform	7.593	83	219691	48.291	ug/l	99
31) Cyclohexane	7.875	56	134102	40.667	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	181447	45.487	ug/l	95
36) 1,1-Dichloropropene	8.010	75	137343	49.126	ug/l	92
37) Ethyl Acetate	7.169	43	42431	58.249	ug/l #	81
38) Carbon Tetrachloride	7.993	117	130525	48.725	ug/l	98
39) Methylcyclohexane	9.275	83	161883	45.925	ug/l	91
40) Benzene	8.252	78	450137	53.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	21674	56.464	ug/l	#	64
42) 1,2-Dichloroethane	8.328	62	104601	56.716	ug/l		91
43) Isopropyl Acetate	8.363	43	77798	57.717	ug/l	#	77
44) Trichloroethene	9.028	130	123109	49.995	ug/l		90
45) 1,2-Dichloropropane	9.305	63	100077	55.563	ug/l		95
46) Dibromomethane	9.393	93	63126	56.864	ug/l		98
47) Bromodichloromethane	9.587	83	148550	55.261	ug/l		96
48) Methyl methacrylate	9.381	41	36418	57.512	ug/l	#	64
49) 1,4-Dioxane	9.381	88	10987	1091.020	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.157	43	202611	289.034	ug/l	#	76
52) Toluene	10.334	92	294673	54.273	ug/l		96
53) t-1,3-Dichloropropene	10.552	75	136150	56.303	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	163090	54.917	ug/l	#	75
55) 1,1,2-Trichloroethane	10.734	97	87118	55.435	ug/l		94
56) Ethyl methacrylate	10.599	69	89818	60.027	ug/l	#	65
57) 1,3-Dichloropropane	10.881	76	137776	56.967	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	220104	300.565	ug/l	#	87
59) 2-Hexanone	10.922	43	141461	285.358	ug/l		67
60) Dibromochloromethane	11.075	129	108699	58.543	ug/l		99
61) 1,2-Dibromoethane	11.181	107	82607	55.814	ug/l		96
64) Tetrachloroethene	10.810	164	101144	49.553	ug/l		95
65) Chlorobenzene	11.610	112	312388	50.928	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	111192	52.914	ug/l		94
67) Ethyl Benzene	11.681	91	544684	51.562	ug/l		96
68) m/p-Xylenes	11.793	106	453400	106.788	ug/l		90
69) o-Xylene	12.122	106	203555	51.623	ug/l		95
70) Styrene	12.134	104	365077	55.661	ug/l		94
71) Bromoform	12.298	173	59084	55.063	ug/l	#	99
73) Isopropylbenzene	12.422	105	524142	47.394	ug/l		99
74) N-amyl acetate	12.234	43	69579	50.789	ug/l	#	70
75) 1,1,2,2-Tetrachloroethane	12.675	83	95589	50.964	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	62661m	55.325	ug/l		
77) Bromobenzene	12.704	156	124320	47.285	ug/l		90
78) n-propylbenzene	12.763	91	632130	47.041	ug/l		97
79) 2-Chlorotoluene	12.851	91	344659	47.333	ug/l		93
80) 1,3,5-Trimethylbenzene	12.904	105	433849	47.839	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	27739	51.515	ug/l	#	72
82) 4-Chlorotoluene	12.945	91	362766	48.280	ug/l		94
83) tert-Butylbenzene	13.169	119	367772	46.660	ug/l		93
84) 1,2,4-Trimethylbenzene	13.216	105	443385	50.588	ug/l		97
85) sec-Butylbenzene	13.345	105	572772	46.941	ug/l		98
86) p-Isopropyltoluene	13.463	119	476327	47.772	ug/l		95
87) 1,3-Dichlorobenzene	13.457	146	265668	48.883	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	255573	47.538	ug/l		98
89) n-Butylbenzene	13.787	91	426850	46.679	ug/l		98
90) Hexachloroethane	14.051	117	87400	45.395	ug/l		99
91) 1,2-Dichlorobenzene	13.834	146	227071	49.374	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12043	51.022	ug/l		79
93) 1,2,4-Trichlorobenzene	15.098	180	121074	45.143	ug/l		96
94) Hexachlorobutadiene	15.204	225	55217	43.166	ug/l		98
95) Naphthalene	15.334	128	229662	46.647	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	103807	44.855	ug/l		99

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

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

