

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076573.D
 Acq On : 23 Jun 2023 22:33
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 24 01:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						06/26/2023
1) Pentafluorobenzene	7.875	168	114661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92828	50.000	ug/l	0.00
System Monitoring Compounds						06/26/2023
33) 1,2-Dichloroethane-d4	8.228	65	59933	52.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.340%
35) Dibromofluoromethane	7.805	113	62704	53.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.720%
50) Toluene-d8	10.269	98	217320	48.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.575	95	75453	52.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	42910	49.250	ug/l	90
3) Chloromethane	2.146	50	82128	45.324	ug/l	96
4) Vinyl Chloride	2.275	62	94214	46.610	ug/l	95
5) Bromomethane	2.687	94	56126	42.705	ug/l	98
6) Chloroethane	2.828	64	67570	48.773	ug/l	94
7) Trichlorofluoromethane	3.164	101	92697	55.726	ug/l	89
8) Diethyl Ether	3.587	74	31569	50.427	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	55346	51.663	ug/l	97
10) Methyl Iodide	4.158	142	68899	54.248	ug/l #	89
11) Tert butyl alcohol	5.052	59	23416	236.077	ug/l	97
12) 1,1-Dichloroethene	3.934	96	52478	50.017	ug/l #	83
13) Acrolein	3.793	56	20081	187.961	ug/l	95
14) Allyl chloride	4.558	41	88475	46.110	ug/l #	84
15) Acrylonitrile	5.252	53	82420	256.028	ug/l	96
16) Acetone	4.022	43	60894	222.752	ug/l #	77
17) Carbon Disulfide	4.269	76	128616	44.866	ug/l	99
18) Methyl Acetate	4.558	43	62003	49.215	ug/l #	85
19) Methyl tert-butyl Ether	5.311	73	151831	52.904	ug/l	94
20) Methylene Chloride	4.799	84	79589	52.298	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	61204	50.471	ug/l	94
22) Diisopropyl ether	6.211	45	201511	48.569	ug/l #	92
23) Vinyl Acetate	6.152	43	500230	243.239	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	120300	51.924	ug/l	95
25) 2-Butanone	7.087	43	98597	233.188	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	90613	45.363	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	75617	51.523	ug/l	87
28) Bromochloromethane	7.428	49	32056	47.942	ug/l #	70
29) Tetrahydrofuran	7.446	42	66656	245.305	ug/l #	77
30) Chloroform	7.593	83	123818	53.973	ug/l	94
31) Cyclohexane	7.875	56	82547	46.294	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	103209	55.656	ug/l	97
36) 1,1-Dichloropropene	8.010	75	82734	50.273	ug/l	96
37) Ethyl Acetate	7.175	43	46964	49.248	ug/l #	93
38) Carbon Tetrachloride	7.987	117	84111	57.183	ug/l	96
39) Methylcyclohexane	9.269	83	92708	48.004	ug/l #	89
40) Benzene	8.252	78	251941	50.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.393	41	27043	50.219	ug/l	#	82
42) 1,2-Dichloroethane	8.328	62	78115	57.604	ug/l		93
43) Isopropyl Acetate	8.363	43	88804	49.188	ug/l	#	86
44) Trichloroethene	9.028	130	68925	50.912	ug/l		96
45) 1,2-Dichloropropane	9.304	63	69143	50.814	ug/l		95
46) Dibromomethane	9.393	93	38570	52.913	ug/l		96
47) Bromodichloromethane	9.587	83	96962	55.586	ug/l		97
48) Methyl methacrylate	9.381	41	40443	48.874	ug/l	#	72
49) 1,4-Dioxane	9.387	88	10222	1170.415	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.157	43	240565	260.668	ug/l	#	83
52) Toluene	10.334	92	166300	52.805	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	92766	52.408	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	105483	50.264	ug/l	#	78
55) 1,1,2-Trichloroethane	10.734	97	52460	51.450	ug/l		94
56) Ethyl methacrylate	10.599	69	71182	53.467	ug/l	#	73
57) 1,3-Dichloropropane	10.881	76	91807	52.590	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	136569	241.959	ug/l		94
59) 2-Hexanone	10.922	43	158072	246.235	ug/l		85
60) Dibromochloromethane	11.075	129	68386	57.631	ug/l		96
61) 1,2-Dibromoethane	11.181	107	50336	52.589	ug/l		99
64) Tetrachloroethene	10.810	164	57922	51.621	ug/l	#	88
65) Chlorobenzene	11.604	112	182937	51.513	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	69796	54.955	ug/l		94
67) Ethyl Benzene	11.681	91	325411	51.714	ug/l		98
68) m/p-Xylenes	11.793	106	247554	100.781	ug/l		89
69) o-Xylene	12.122	106	119791	51.231	ug/l		92
70) Styrene	12.134	104	207425	51.354	ug/l		94
71) Bromoform	12.298	173	42729	56.033	ug/l	#	97
73) Isopropylbenzene	12.422	105	312632	50.022	ug/l		98
74) N-amyl acetate	12.234	43	82091	44.866	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	66087	51.243	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	45339m	49.212	ug/l		
77) Bromobenzene	12.698	156	76383	49.538	ug/l		88
78) n-propylbenzene	12.763	91	378207	49.010	ug/l		97
79) 2-Chlorotoluene	12.851	91	211017	49.796	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	256785	50.311	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.463	75	17853	42.462	ug/l	#	86
82) 4-Chlorotoluene	12.945	91	223178	50.712	ug/l		93
83) tert-Butylbenzene	13.169	119	229643	50.637	ug/l		94
84) 1,2,4-Trimethylbenzene	13.210	105	265394	51.598	ug/l		93
85) sec-Butylbenzene	13.345	105	338624	50.315	ug/l		97
86) p-Isopropyltoluene	13.457	119	277504	49.347	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	149781	49.453	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	147983	48.990	ug/l		97
89) n-Butylbenzene	13.787	91	267923	48.847	ug/l		98
90) Hexachloroethane	14.051	117	49730	47.921	ug/l		98
91) 1,2-Dichlorobenzene	13.834	146	132303	49.989	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10235	52.725	ug/l		98
93) 1,2,4-Trichlorobenzene	15.098	180	82929	47.016	ug/l		98
94) Hexachlorobutadiene	15.204	225	43451	50.670	ug/l		98
95) Naphthalene	15.334	128	177024	50.190	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	73871	48.070	ug/l		98

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 Dadoda

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

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

06/26/2023
Supervised By :Mahesh
Dadoda

06/26/2023

