

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076248.D
 Acq On : 25 May 2023 22:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: May 26 02:01:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	287931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	272787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79788	48.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.805	113	93377	46.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.269	98	349810	45.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.180%
62) 4-Bromofluorobenzene	12.575	95	101919	47.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.929	85	63448	41.700	ug/l	96
3) Chloromethane	2.146	50	137718	55.611	ug/l	98
4) Vinyl Chloride	2.281	62	161618	49.252	ug/l	98
5) Bromomethane	2.681	94	98008	44.363	ug/l	97
6) Chloroethane	2.828	64	116816	52.914	ug/l	95
7) Trichlorofluoromethane	3.170	101	124905	44.908	ug/l	98
8) Diethyl Ether	3.587	74	47231	51.638	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.964	101	82632	45.103	ug/l	97
10) Methyl Iodide	4.158	142	98979	51.960	ug/l	90
11) Tert butyl alcohol	5.064	59	25661	297.519	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	82274	45.122	ug/l	90
13) Acrolein	3.793	56	45781	216.879	ug/l	93
14) Allyl chloride	4.558	41	88684	47.924	ug/l #	80
15) Acrylonitrile	5.258	53	111951	295.608	ug/l	96
16) Acetone	4.017	43	74342	229.163	ug/l #	82
17) Carbon Disulfide	4.264	76	214525	43.083	ug/l	99
18) Methyl Acetate	4.564	43	67919	58.692	ug/l #	81
19) Methyl tert-butyl Ether	5.311	73	200027	56.048	ug/l	97
20) Methylene Chloride	4.799	84	160848	66.592	ug/l #	78
21) trans-1,2-Dichloroethene	5.311	96	100627	47.885	ug/l #	83
22) Diisopropyl ether	6.217	45	238768	55.588	ug/l #	90
23) Vinyl Acetate	6.158	43	472335m	279.675	ug/l	
24) 1,1-Dichloroethane	6.111	63	174569	51.534	ug/l	97
25) 2-Butanone	7.081	43	111268	272.784	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	128946	46.683	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	120873	51.833	ug/l	83
28) Bromochloromethane	7.422	49	58650	51.925	ug/l #	63
29) Tetrahydrofuran	7.440	42	72303	304.117	ug/l #	65
30) Chloroform	7.599	83	189195	52.227	ug/l	99
31) Cyclohexane	7.875	56	109979	44.042	ug/l #	84
32) 1,1,1-Trichloroethane	7.793	97	143108	49.571	ug/l	98
36) 1,1-Dichloropropene	8.005	75	124504	46.320	ug/l	95
37) Ethyl Acetate	7.169	43	51350	55.169	ug/l #	82
38) Carbon Tetrachloride	7.993	117	110457	45.495	ug/l	96
39) Methylcyclohexane	9.275	83	132514	42.821	ug/l	93
40) Benzene	8.252	78	413297	47.826	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	23580	46.202	ug/l	#	60
42) 1,2-Dichloroethane	8.328	62	105078	51.408	ug/l		93
43) Isopropyl Acetate	8.358	43	93342	53.685	ug/l	#	84
44) Trichloroethene	9.028	130	109851	45.106	ug/l		90
45) 1,2-Dichloropropane	9.305	63	105181	49.345	ug/l		93
46) Dibromomethane	9.393	93	60530	50.661	ug/l		94
47) Bromodichloromethane	9.581	83	143846	50.094	ug/l		99
48) Methyl methacrylate	9.381	41	39888	51.834	ug/l	#	60
49) 1,4-Dioxane	9.387	88	15437	1208.219	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.157	43	268475	290.329	ug/l	#	81
52) Toluene	10.334	92	265771	49.242	ug/l		94
53) t-1,3-Dichloropropene	10.552	75	131357	50.755	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	161536	51.145	ug/l	#	73
55) 1,1,2-Trichloroethane	10.734	97	90659	52.913	ug/l		97
56) Ethyl methacrylate	10.599	69	96043	55.768	ug/l	#	68
57) 1,3-Dichloropropane	10.881	76	141645	52.694	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.869	63	227927	275.837	ug/l		93
59) 2-Hexanone	10.922	43	180694	277.077	ug/l		75
60) Dibromochloromethane	11.075	129	100964	52.407	ug/l		99
61) 1,2-Dibromoethane	11.181	107	80015	52.499	ug/l		97
64) Tetrachloroethene	10.810	164	92919	44.297	ug/l		95
65) Chlorobenzene	11.610	112	295628	47.604	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	102824	48.113	ug/l		92
67) Ethyl Benzene	11.687	91	481987	48.571	ug/l		95
68) m/p-Xylenes	11.793	106	409228	100.902	ug/l		88
69) o-Xylene	12.122	106	186954	50.519	ug/l		91
70) Styrene	12.134	104	333184	51.929	ug/l		94
71) Bromoform	12.299	173	58566	48.719	ug/l	#	96
73) Isopropylbenzene	12.422	105	460483	46.000	ug/l		98
74) N-amyl acetate	12.234	43	88984	49.905	ug/l	#	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	103087	47.914	ug/l		98
76) 1,2,3-Trichloropropane	12.728	75	55218m	41.698	ug/l		
77) Bromobenzene	12.704	156	120756	45.006	ug/l		92
78) n-propylbenzene	12.763	91	578086	46.395	ug/l		97
79) 2-Chlorotoluene	12.851	91	310619	45.042	ug/l		92
80) 1,3,5-Trimethylbenzene	12.904	105	386559	46.581	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	29780	47.177	ug/l	#	74
82) 4-Chlorotoluene	12.946	91	331303	45.166	ug/l		92
83) tert-Butylbenzene	13.169	119	327058	46.634	ug/l		92
84) 1,2,4-Trimethylbenzene	13.210	105	387191	46.850	ug/l		93
85) sec-Butylbenzene	13.346	105	501935	45.923	ug/l		98
86) p-Isopropyltoluene	13.463	119	416791	46.603	ug/l		94
87) 1,3-Dichlorobenzene	13.457	146	252009	46.454	ug/l		97
88) 1,4-Dichlorobenzene	13.540	146	244404	45.499	ug/l		97
89) n-Butylbenzene	13.787	91	375111	44.507	ug/l		98
90) Hexachloroethane	14.051	117	78702	42.782	ug/l		95
91) 1,2-Dichlorobenzene	13.834	146	223441	46.934	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13158	47.101	ug/l		77
93) 1,2,4-Trichlorobenzene	15.098	180	119460	43.139	ug/l		96
94) Hexachlorobutadiene	15.204	225	54059	38.287	ug/l		99
95) Naphthalene	15.334	128	257500	50.045	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	111705	44.354	ug/l		98

05/26/2023
 Supervised By :Mahesh
 Dadoda

05/26/2023

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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

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