

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076311.D
 Acq On : 02 Jun 2023 13:20
 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: Jun 03 02:19:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/05/2023
 Supervised By :Mahesh Dadoda 06/05/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	240568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	388155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	178930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102157	43.574	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.140%		
35) Dibromofluoromethane	7.799	113	121761	47.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.269	98	486929	49.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.580%		
62) 4-Bromofluorobenzene	12.575	95	132119	47.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	96041	43.832	ug/l	96
3) Chloromethane	2.146	50	205063	42.562	ug/l	100
4) Vinyl Chloride	2.275	62	247977	42.892	ug/l	99
5) Bromomethane	2.681	94	153832	56.357	ug/l	99
6) Chloroethane	2.828	64	164689	46.212	ug/l	100
7) Trichlorofluoromethane	3.164	101	170764	43.056	ug/l	98
8) Diethyl Ether	3.587	74	62297	44.272	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	112308	43.519	ug/l	98
10) Methyl Iodide	4.152	142	145615	48.267	ug/l	99
11) Tert butyl alcohol	5.058	59	29785	199.559	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	120114	44.823	ug/l	95
13) Acrolein	3.793	56	32793	214.506	ug/l	99
14) Allyl chloride	4.552	41	125979	47.448	ug/l	98
15) Acrylonitrile	5.252	53	122217	210.000	ug/l	99
16) Acetone	4.016	43	93034	259.163	ug/l	94
17) Carbon Disulfide	4.263	76	387917	43.477	ug/l	97
18) Methyl Acetate	4.552	43	80537	40.785	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	245584	45.414	ug/l	99
20) Methylene Chloride	4.787	84	144298	43.506	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	142665	45.817	ug/l	99
22) Diisopropyl ether	6.210	45	296856	47.109	ug/l	99
23) Vinyl Acetate	6.146	43	681436m	229.559	ug/l	
24) 1,1-Dichloroethane	6.105	63	214502	43.443	ug/l	98
25) 2-Butanone	7.075	43	128258	209.655	ug/l	93
26) 2,2-Dichloropropane	7.069	77	174667	44.770	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	155568	45.596	ug/l	100
28) Bromochloromethane	7.416	49	84234	44.339	ug/l	99
29) Tetrahydrofuran	7.440	42	82807	220.283	ug/l	99
30) Chloroform	7.587	83	228757	44.038	ug/l	95
31) Cyclohexane	7.869	56	156242	43.295	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	181509	44.716	ug/l	97
36) 1,1-Dichloropropene	8.004	75	166529	46.997	ug/l	99
37) Ethyl Acetate	7.163	43	59722	44.450	ug/l	97
38) Carbon Tetrachloride	7.987	117	148015	48.507	ug/l	97
39) Methylcyclohexane	9.269	83	192936	48.325	ug/l	100
40) Benzene	8.246	78	528729	47.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	29275	43.188	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	124330	45.490	ug/l	98
43) Isopropyl Acetate	8.357	43	106427	43.993	ug/l	100
44) Trichloroethene	9.022	130	144853	46.610	ug/l	99
45) 1,2-Dichloropropane	9.299	63	126141	46.465	ug/l	100
46) Dibromomethane	9.393	93	72850	45.728	ug/l	100
47) Bromodichloromethane	9.581	83	172229	46.145	ug/l	100
48) Methyl methacrylate	9.375	41	45692	43.991	ug/l	96
49) 1,4-Dioxane	9.381	88	16941	878.297	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	284695	222.434	ug/l	99
52) Toluene	10.328	92	335442	48.738	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	161191	46.186	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	199725	48.443	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	99732	43.977	ug/l	95
56) Ethyl methacrylate	10.598	69	110096	42.891	ug/l	99
57) 1,3-Dichloropropane	10.875	76	161262	45.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	283158	231.220	ug/l	100
59) 2-Hexanone	10.922	43	196072	230.162	ug/l	100
60) Dibromochloromethane	11.075	129	116408	44.789	ug/l	95
61) 1,2-Dibromoethane	11.181	107	93044	44.403	ug/l	98
64) Tetrachloroethene	10.810	164	121092	47.629	ug/l	98
65) Chlorobenzene	11.604	112	363016	47.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	123243	46.430	ug/l	99
67) Ethyl Benzene	11.681	91	607331	49.550	ug/l	97
68) m/p-Xylenes	11.793	106	497791	98.176	ug/l	97
69) o-Xylene	12.122	106	231313	49.724	ug/l	100
70) Styrene	12.134	104	399980	49.820	ug/l	99
71) Bromoform	12.298	173	67965	45.200	ug/l #	99
73) Isopropylbenzene	12.422	105	561340	51.506	ug/l	100
74) N-amyl acetate	12.234	43	100535	47.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	108536	43.659	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	71868m	44.646	ug/l	
77) Bromobenzene	12.698	156	149500	49.617	ug/l	99
78) n-propylbenzene	12.763	91	686900	50.488	ug/l	100
79) 2-Chlorotoluene	12.851	91	375073	49.424	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	471177	51.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	35205	50.168	ug/l	91
82) 4-Chlorotoluene	12.945	91	402572	49.478	ug/l	99
83) tert-Butylbenzene	13.169	119	395598	51.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	476724	51.486	ug/l	98
85) sec-Butylbenzene	13.345	105	590972	50.456	ug/l	100
86) p-Isopropyltoluene	13.463	119	499325	50.976	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	299109	49.040	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	291229	47.018	ug/l	99
89) n-Butylbenzene	13.787	91	455474	50.628	ug/l	99
90) Hexachloroethane	14.051	117	94729	47.822	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	258814	48.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14583	45.365	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	150920	49.145	ug/l	99
94) Hexachlorobutadiene	15.204	225	67817	47.116	ug/l	99
95) Naphthalene	15.334	128	293658	43.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	137621	48.814	ug/l	99

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

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