

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076323.D
 Acq On : 05 Jun 2023 13:21
 Operator : KP/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19597	10.705	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.420%#		
35) Dibromofluoromethane	7.805	113	22809	10.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.400%#		
50) Toluene-d8	10.269	98	89829	10.086	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.180%#		
62) 4-Bromofluorobenzene	12.575	95	23866	10.125	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22105	11.172	ug/l	96
3) Chloromethane	2.146	50	42414	11.156	ug/l	97
4) Vinyl Chloride	2.281	62	55549	11.133	ug/l	99
5) Bromomethane	2.687	94	36169	11.172	ug/l	99
6) Chloroethane	2.834	64	37389	11.182	ug/l	98
7) Trichlorofluoromethane	3.169	101	36323	10.964	ug/l	99
8) Diethyl Ether	3.599	74	10629	9.835	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	22532	10.633	ug/l	97
10) Methyl Iodide	4.158	142	29386	9.964	ug/l	99
11) Tert butyl alcohol	5.063	59	5474	53.505	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	23397	10.400	ug/l	96
13) Acrolein	3.793	56	11624	52.223	ug/l	94
14) Allyl chloride	4.552	41	23046	10.426	ug/l	97
15) Acrylonitrile	5.258	53	21988	50.951	ug/l	98
16) Acetone	4.028	43	17404	51.906	ug/l	90
17) Carbon Disulfide	4.269	76	81641	10.880	ug/l	96
18) Methyl Acetate	4.564	43	14741	10.367	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	39470	9.523	ug/l	99
20) Methylene Chloride	4.799	84	39393	10.543	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	25876	9.926	ug/l	95
22) Diisopropyl ether	6.216	45	48888	9.945	ug/l	95
23) Vinyl Acetate	6.158	43	81007m	43.330	ug/l	
24) 1,1-Dichloroethane	6.110	63	43279	10.780	ug/l	96
25) 2-Butanone	7.087	43	23329	50.247	ug/l	98
26) 2,2-Dichloropropane	7.075	77	36650	11.024	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	29303	10.406	ug/l	98
28) Bromochloromethane	7.422	49	12162	9.873	ug/l	98
29) Tetrahydrofuran	7.440	42	12945	47.259	ug/l	98
30) Chloroform	7.599	83	45432	10.782	ug/l	86
31) Cyclohexane	7.875	56	32597	10.606	ug/l #	94
32) 1,1,1-Trichloroethane	7.787	97	35799	10.669	ug/l	100
36) 1,1-Dichloropropene	8.005	75	32883	10.231	ug/l	98
37) Ethyl Acetate	7.169	43	9588	9.042	ug/l #	90
38) Carbon Tetrachloride	7.987	117	28338	10.058	ug/l	91
39) Methylcyclohexane	9.275	83	33960	9.248	ug/l	93
40) Benzene	8.246	78	105669	10.393	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	5408	10.010	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	23606	10.053	ug/l	99
43) Isopropyl Acetate	8.363	43	18211	9.583	ug/l #	88
44) Trichloroethene	9.028	130	29003	10.202	ug/l	97
45) 1,2-Dichloropropane	9.304	63	24036	10.073	ug/l	95
46) Dibromomethane	9.393	93	13599	10.068	ug/l	97
47) Bromodichloromethane	9.587	83	31992	10.104	ug/l	93
48) Methyl methacrylate	9.381	41	7308	8.489	ug/l #	90
49) 1,4-Dioxane	9.387	88	2733	184.614	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	46580	46.501	ug/l	99
52) Toluene	10.334	92	60489	9.675	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	29528	10.048	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	35923	9.892	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	19952	10.433	ug/l	92
56) Ethyl methacrylate	10.598	69	17639	9.043	ug/l	98
57) 1,3-Dichloropropane	10.875	76	29993	9.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	36651	44.752	ug/l	99
59) 2-Hexanone	10.922	43	30624	44.559	ug/l	97
60) Dibromochloromethane	11.075	129	22043	10.168	ug/l	98
61) 1,2-Dibromoethane	11.181	107	17451	10.028	ug/l	96
64) Tetrachloroethene	10.810	164	24372	10.481	ug/l	98
65) Chlorobenzene	11.610	112	71836	10.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	23974	10.265	ug/l	96
67) Ethyl Benzene	11.687	91	104856	9.354	ug/l	97
68) m/p-Xylenes	11.793	106	88282	19.051	ug/l	97
69) o-Xylene	12.122	106	39924	9.556	ug/l	97
70) Styrene	12.134	104	68438	9.552	ug/l	98
71) Bromoform	12.298	173	12376	9.822	ug/l #	96
73) Isopropylbenzene	12.422	105	95872	9.220	ug/l	99
74) N-amyl acetate	12.234	43	15908	8.921	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	21054	10.114	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	14199m	9.016	ug/l	
77) Bromobenzene	12.704	156	27797	10.167	ug/l	97
78) n-propylbenzene	12.763	91	119583	9.302	ug/l	99
79) 2-Chlorotoluene	12.851	91	66363	9.463	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	82703	9.645	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	6100	9.636	ug/l	98
82) 4-Chlorotoluene	12.945	91	72434	9.701	ug/l	99
83) tert-Butylbenzene	13.169	119	66221	9.210	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	79454	9.278	ug/l	98
85) sec-Butylbenzene	13.345	105	105168	9.509	ug/l	96
86) p-Isopropyltoluene	13.463	119	84634	9.232	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	56438	10.240	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	56872	10.191	ug/l	96
89) n-Butylbenzene	13.787	91	79480	9.328	ug/l	98
90) Hexachloroethane	14.057	117	19429	10.556	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	48506	10.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2675	9.728	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	26268	9.445	ug/l	97
94) Hexachlorobutadiene	15.204	225	12962	9.532	ug/l	97
95) Naphthalene	15.334	128	44759	10.498	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	21640	8.798	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

