

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076353.D
 Acq On : 07 Jun 2023 14:50
 Operator : KP/SY
 Sample : VD0607SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 01:17:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	327006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95300	55.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.220%			
35) Dibromofluoromethane	7.805	113	112181	54.030	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.060%			
50) Toluene-d8	10.269	98	450270	54.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.940%			
62) 4-Bromofluorobenzene	12.575	95	119754	54.740	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	37958	20.494	ug/l	99
3) Chloromethane	2.146	50	73962	20.781	ug/l	98
4) Vinyl Chloride	2.275	62	92673	19.839	ug/l	96
5) Bromomethane	2.675	94	58992	19.465	ug/l	98
6) Chloroethane	2.828	64	62852	20.079	ug/l	99
7) Trichlorofluoromethane	3.164	101	63086	20.341	ug/l	95
8) Diethyl Ether	3.587	74	19960	19.729	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	42166	21.255	ug/l	98
10) Methyl Iodide	4.164	142	48854	17.696	ug/l	97
11) Tert butyl alcohol	5.058	59	9511	99.305	ug/l	99
12) 1,1-Dichloroethene	3.934	96	42368	20.118	ug/l	95
13) Acrolein	3.799	56	19527	93.713	ug/l	96
14) Allyl chloride	4.564	41	40279	19.465	ug/l	99
15) Acrylonitrile	5.258	53	40150	99.382	ug/l	98
16) Acetone	4.016	43	29330	93.441	ug/l	91
17) Carbon Disulfide	4.264	76	136184	19.387	ug/l	97
18) Methyl Acetate	4.564	43	26512	19.917	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	73744	19.006	ug/l	94
20) Methylene Chloride	4.799	84	56157	18.538	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	48077	19.701	ug/l	98
22) Diisopropyl ether	6.216	45	95141	20.674	ug/l	95
23) Vinyl Acetate	6.158	43	165374	95.510	ug/l	96
24) 1,1-Dichloroethane	6.110	63	77933	20.736	ug/l	100
25) 2-Butanone	7.087	43	39542	90.977	ug/l	99
26) 2,2-Dichloropropane	7.069	77	61053	19.617	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	52503	19.916	ug/l	99
28) Bromochloromethane	7.422	49	23298	23.233	ug/l	95
29) Tetrahydrofuran	7.446	42	24991	97.459	ug/l	97
30) Chloroform	7.593	83	82032	20.796	ug/l	99
31) Cyclohexane	7.875	56	56303	19.569	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	66645	21.217	ug/l	97
36) 1,1-Dichloropropene	8.010	75	60341	20.228	ug/l	99
37) Ethyl Acetate	7.163	43	19677	19.993	ug/l	99
38) Carbon Tetrachloride	7.993	117	51953	19.867	ug/l	98
39) Methylcyclohexane	9.269	83	64565	18.943	ug/l	98
40) Benzene	8.246	78	189436	20.075	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8249m	16.451	ug/l	
42) 1,2-Dichloroethane	8.322	62	45477	20.867	ug/l	100
43) Isopropyl Acetate	8.357	43	32653	18.513	ug/l #	85
44) Trichloroethene	9.022	130	51164	19.391	ug/l	90
45) 1,2-Dichloropropane	9.299	63	45595	20.588	ug/l	96
46) Dibromomethane	9.393	93	24537	19.572	ug/l	99
47) Bromodichloromethane	9.587	83	60519	20.592	ug/l	97
48) Methyl methacrylate	9.381	41	15012	18.787	ug/l	96
49) 1,4-Dioxane	9.381	88	5050	367.534	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	90570	97.417	ug/l	98
52) Toluene	10.334	92	118515	20.423	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	52284	19.170	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	66995	19.877	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	36033	20.300	ug/l	96
56) Ethyl methacrylate	10.598	69	32690	18.057	ug/l	99
57) 1,3-Dichloropropane	10.881	76	56333	19.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	72234	95.029	ug/l	96
59) 2-Hexanone	10.922	43	60452	94.769	ug/l	97
60) Dibromochloromethane	11.075	129	40670	20.212	ug/l	96
61) 1,2-Dibromoethane	11.181	107	32493	20.117	ug/l	99
64) Tetrachloroethene	10.810	164	42778	19.665	ug/l	98
65) Chlorobenzene	11.610	112	129326	19.875	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	43359	19.847	ug/l	98
67) Ethyl Benzene	11.687	91	202197	19.282	ug/l	100
68) m/p-Xylenes	11.793	106	170257	39.277	ug/l	97
69) o-Xylene	12.122	106	76378	19.543	ug/l	99
70) Styrene	12.140	104	133431	19.908	ug/l	99
71) Bromoform	12.304	173	23711	20.117	ug/l #	99
73) Isopropylbenzene	12.422	105	189357	18.800	ug/l	99
74) N-amyl acetate	12.234	43	31127	18.021	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40957	20.313	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	27239m	18.547	ug/l	
77) Bromobenzene	12.704	156	52329	19.759	ug/l	98
78) n-propylbenzene	12.763	91	242944	19.509	ug/l	98
79) 2-Chlorotoluene	12.851	91	133326	19.628	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	162477	19.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	11309	18.442	ug/l	97
82) 4-Chlorotoluene	12.951	91	140027	19.361	ug/l	99
83) tert-Butylbenzene	13.169	119	128188	18.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	160233	19.316	ug/l	98
85) sec-Butylbenzene	13.345	105	206983	19.321	ug/l	100
86) p-Isopropyltoluene	13.463	119	171526	19.317	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	108905	20.399	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	108470	20.066	ug/l	100
89) n-Butylbenzene	13.792	91	156806	18.999	ug/l	99
90) Hexachloroethane	14.057	117	35287	19.792	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	91191	19.674	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4969	18.655	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	48683	18.071	ug/l	99
94) Hexachlorobutadiene	15.204	225	25776	19.569	ug/l	98
95) Naphthalene	15.334	128	87657	17.860	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	44486	18.673	ug/l	99

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

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