

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076373.D
 Acq On : 08 Jun 2023 14:59
 Operator : KP/SY
 Sample : VD0601SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

Quant Time: Jun 08 16:16:51 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	212188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	178074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107107	56.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.680%			
35) Dibromofluoromethane	7.805	113	124660	54.704	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.400%			
50) Toluene-d8	10.269	98	494058	54.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.575	95	136380	56.799	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40885	19.897	ug/l	95
3) Chloromethane	2.146	50	82106	20.794	ug/l	100
4) Vinyl Chloride	2.281	62	98644	19.035	ug/l	98
5) Bromomethane	2.675	94	67300	20.016	ug/l	98
6) Chloroethane	2.828	64	68484	19.720	ug/l	98
7) Trichlorofluoromethane	3.170	101	68279	19.844	ug/l	93
8) Diethyl Ether	3.587	74	24517	21.843	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	46505	21.130	ug/l	96
10) Methyl Iodide	4.158	142	57456	18.759	ug/l	98
11) Tert butyl alcohol	5.058	59	11641	109.559	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	45993	19.686	ug/l	93
13) Acrolein	3.799	56	27565	119.243	ug/l	95
14) Allyl chloride	4.558	41	44582	19.420	ug/l	95
15) Acrylonitrile	5.252	53	47793	106.634	ug/l #	90
16) Acetone	4.022	43	35418	101.709	ug/l	94
17) Carbon Disulfide	4.264	76	147500	18.927	ug/l	100
18) Methyl Acetate	4.564	43	32129	21.757	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	92557	21.503	ug/l	96
20) Methylene Chloride	4.805	84	71925	22.172	ug/l #	94
21) trans-1,2-Dichloroethene	5.305	96	55686	20.568	ug/l	97
22) Diisopropyl ether	6.211	45	111582	21.855	ug/l	95
23) Vinyl Acetate	6.152	43	238117	123.961	ug/l	98
24) 1,1-Dichloroethane	6.111	63	87246	20.924	ug/l	99
25) 2-Butanone	7.081	43	46938	97.343	ug/l	98
26) 2,2-Dichloropropane	7.075	77	68962	19.973	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	61222	20.933	ug/l	96
28) Bromochloromethane	7.428	49	24978	22.346	ug/l	98
29) Tetrahydrofuran	7.446	42	30609	107.597	ug/l	98
30) Chloroform	7.599	83	92547	21.148	ug/l	91
31) Cyclohexane	7.869	56	59861	18.754	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	73628	21.128	ug/l	97
36) 1,1-Dichloropropene	8.005	75	64657	19.748	ug/l	98
37) Ethyl Acetate	7.169	43	24167	22.373	ug/l	98
38) Carbon Tetrachloride	7.993	117	58105	20.245	ug/l	96
39) Methylcyclohexane	9.275	83	68881	18.413	ug/l	95
40) Benzene	8.246	78	214677	20.728	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9731	17.682	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	51208	21.408	ug/l	100
43) Isopropyl Acetate	8.357	43	39521	20.415	ug/l #	86
44) Trichloroethene	9.028	130	60285	20.817	ug/l	89
45) 1,2-Dichloropropane	9.305	63	52603	21.641	ug/l	97
46) Dibromomethane	9.393	93	29602	21.514	ug/l	98
47) Bromodichloromethane	9.581	83	71518	22.172	ug/l	99
48) Methyl methacrylate	9.375	41	16724	19.070	ug/l	92
49) 1,4-Dioxane	9.387	88	6218	412.323	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	106522	104.392	ug/l	99
52) Toluene	10.334	92	134896	21.180	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	63028	21.055	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	79567	21.509	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	42882	22.011	ug/l	95
56) Ethyl methacrylate	10.599	69	40709	20.488	ug/l	97
57) 1,3-Dichloropropane	10.881	76	68505	22.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	90733	108.757	ug/l	97
59) 2-Hexanone	10.922	43	74535	106.462	ug/l	99
60) Dibromochloromethane	11.075	129	48671	22.038	ug/l	96
61) 1,2-Dibromoethane	11.181	107	39257	22.145	ug/l	99
64) Tetrachloroethene	10.810	164	49624	20.488	ug/l	92
65) Chlorobenzene	11.604	112	151298	20.883	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	50048	20.574	ug/l	97
67) Ethyl Benzene	11.687	91	231555	19.832	ug/l	95
68) m/p-Xylenes	11.793	106	195171	40.437	ug/l	98
69) o-Xylene	12.122	106	90432	20.781	ug/l	97
70) Styrene	12.134	104	158178	21.196	ug/l	98
71) Bromoform	12.298	173	28645	21.827	ug/l #	98
73) Isopropylbenzene	12.422	105	215475	18.901	ug/l	100
74) N-amyl acetate	12.234	43	37471	19.168	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	48442	21.227	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	31666m	19.050	ug/l	
77) Bromobenzene	12.704	156	60733	20.262	ug/l	97
78) n-propylbenzene	12.763	91	280025	19.868	ug/l	99
79) 2-Chlorotoluene	12.851	91	151940	19.763	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	188292	20.030	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	13844	19.947	ug/l	97
82) 4-Chlorotoluene	12.945	91	168124	20.539	ug/l	98
83) tert-Butylbenzene	13.169	119	151329	19.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	188751	20.104	ug/l	99
85) sec-Butylbenzene	13.345	105	239094	19.719	ug/l	99
86) p-Isopropyltoluene	13.463	119	203848	20.283	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	125981	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	128882	21.066	ug/l	99
89) n-Butylbenzene	13.787	91	179110	19.174	ug/l	99
90) Hexachloroethane	14.057	117	40173	19.909	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	110328	21.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6059	20.098	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	62195	20.398	ug/l	99
94) Hexachlorobutadiene	15.204	225	30570	20.506	ug/l	99
95) Naphthalene	15.334	128	112303	19.783	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	55795	20.692	ug/l	97

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

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