

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076314.D
 Acq On : 02 Jun 2023 15:28
 Operator : KP/SY
 Sample : VD0602SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 02:23:36 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

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	205022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	97888	48.992	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.980%		
35) Dibromofluoromethane	7.799	113	111163	49.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.020%		
50) Toluene-d8	10.269	98	461506	52.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.540%		
62) 4-Bromofluorobenzene	12.575	95	123840	50.772	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	39877	21.355	ug/l	99
3) Chloromethane	2.146	50	85733	18.954	ug/l	99
4) Vinyl Chloride	2.276	62	105114	21.333	ug/l	99
5) Bromomethane	2.670	94	57548	22.081	ug/l	100
6) Chloroethane	2.817	64	66030	20.101	ug/l	98
7) Trichlorofluoromethane	3.158	101	71882	21.267	ug/l	97
8) Diethyl Ether	3.581	74	22535	18.791	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	46638	21.206	ug/l	98
10) Methyl Iodide	4.146	142	52848	20.555	ug/l	99
11) Tert butyl alcohol	5.052	59	12768	100.377	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	46242	20.248	ug/l	85
13) Acrolein	3.787	56	15329	108.397	ug/l	96
14) Allyl chloride	4.546	41	43880	19.392	ug/l	99
15) Acrylonitrile	5.258	53	45687	92.112	ug/l	99
16) Acetone	4.017	43	31835	91.145	ug/l	98
17) Carbon Disulfide	4.258	76	153559	20.195	ug/l	99
18) Methyl Acetate	4.558	43	32332	19.212	ug/l	100
19) Methyl tert-butyl Ether	5.305	73	83332	18.082	ug/l	97
20) Methylene Chloride	4.787	84	60220	17.176	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	52409	19.749	ug/l	96
22) Diisopropyl ether	6.216	45	103547	19.281	ug/l	97
23) Vinyl Acetate	6.152	43	228781m	90.433	ug/l	
24) 1,1-Dichloroethane	6.099	63	83965	19.954	ug/l	94
25) 2-Butanone	7.075	43	49218	94.402	ug/l	91
26) 2,2-Dichloropropane	7.075	77	68168	20.502	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	55092	18.946	ug/l	96
28) Bromochloromethane	7.422	49	33809	20.882	ug/l	98
29) Tetrahydrofuran	7.440	42	29042	90.652	ug/l	97
30) Chloroform	7.593	83	86899	19.629	ug/l	97
31) Cyclohexane	7.875	56	63704	20.713	ug/l	93
32) 1,1,1-Trichloroethane	7.787	97	69060	19.963	ug/l	99
36) 1,1-Dichloropropene	8.005	75	64359	20.519	ug/l	98
37) Ethyl Acetate	7.169	43	22142	18.617	ug/l	99
38) Carbon Tetrachloride	7.987	117	56806	21.030	ug/l	97
39) Methylcyclohexane	9.275	83	70718	20.010	ug/l	95
40) Benzene	8.246	78	199824	20.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11246m	18.742	ug/l	
42) 1,2-Dichloroethane	8.322	62	46921	19.394	ug/l	99
43) Isopropyl Acetate	8.358	43	39167	18.290	ug/l	99
44) Trichloroethene	9.028	130	55922	20.328	ug/l	94
45) 1,2-Dichloropropane	9.305	63	48048	19.994	ug/l	100
46) Dibromomethane	9.393	93	26543	18.822	ug/l	98
47) Bromodichloromethane	9.581	83	64295	19.461	ug/l	100
48) Methyl methacrylate	9.381	41	16713	18.177	ug/l	94
49) 1,4-Dioxane	9.387	88	6282	367.923	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	108038	95.357	ug/l	97
52) Toluene	10.334	92	125816	20.651	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	58678	18.993	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	71063	19.472	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	39957	19.904	ug/l	96
56) Ethyl methacrylate	10.599	69	37042	17.995	ug/l	98
57) 1,3-Dichloropropane	10.875	76	61089	19.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	63812	77.009	ug/l	99
59) 2-Hexanone	10.922	43	71007	94.162	ug/l	97
60) Dibromochloromethane	11.069	129	44165	19.197	ug/l	95
61) 1,2-Dibromoethane	11.181	107	35174	18.963	ug/l	98
64) Tetrachloroethene	10.810	164	46109	20.116	ug/l	97
65) Chlorobenzene	11.604	112	137410	19.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	46631	19.486	ug/l	97
67) Ethyl Benzene	11.681	91	214311	19.394	ug/l	96
68) m/p-Xylenes	11.793	106	186011	40.691	ug/l	99
69) o-Xylene	12.122	106	80676	19.236	ug/l	98
70) Styrene	12.134	104	142224	19.649	ug/l	99
71) Bromoform	12.299	173	26704	19.698	ug/l #	99
73) Isopropylbenzene	12.422	105	202086	19.614	ug/l	99
74) N-amyl acetate	12.234	43	35544	17.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	43912	18.685	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	33316m	21.893	ug/l	
77) Bromobenzene	12.699	156	56354	19.785	ug/l	98
78) n-propylbenzene	12.763	91	260401	20.246	ug/l	99
79) 2-Chlorotoluene	12.851	91	141197	19.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	176119	20.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	12898	19.443	ug/l	96
82) 4-Chlorotoluene	12.946	91	153072	19.901	ug/l	98
83) tert-Butylbenzene	13.169	119	144196	19.791	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	171899	19.638	ug/l	99
85) sec-Butylbenzene	13.346	105	224757	20.299	ug/l	97
86) p-Isopropyltoluene	13.463	119	186371	20.127	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	112737	19.552	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	112525	19.217	ug/l	99
89) n-Butylbenzene	13.787	91	170828	20.086	ug/l	98
90) Hexachloroethane	14.051	117	37517	20.035	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	98743	19.465	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6195	20.386	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	54431	18.750	ug/l	97
94) Hexachlorobutadiene	15.204	225	27098	19.915	ug/l	97
95) Naphthalene	15.334	128	99911	18.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	48075	18.038	ug/l	98

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

