

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076313.D
 Acq On : 02 Jun 2023 14:57
 Operator : KP/SY
 Sample : VD0602SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0602SBS01

Quant Time: Jun 03 02:23:00 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	7.875	168	183072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	328246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97027	54.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.760%			
35) Dibromofluoromethane	7.804	113	109257	50.423	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.269	98	431939	51.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.575	95	120898	51.883	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32834	19.691	ug/l	93
3) Chloromethane	2.146	50	79788	19.897	ug/l	100
4) Vinyl Chloride	2.275	62	93477	21.246	ug/l	98
5) Bromomethane	2.669	94	52879	22.770	ug/l	100
6) Chloroethane	2.822	64	61223	20.961	ug/l	97
7) Trichlorofluoromethane	3.157	101	60295	19.977	ug/l	94
8) Diethyl Ether	3.587	74	22845	21.334	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.952	101	38971	19.844	ug/l	99
10) Methyl Iodide	4.152	142	48968	21.329	ug/l	99
11) Tert butyl alcohol	5.051	59	12085	106.399	ug/l	96
12) 1,1-Dichloroethene	3.928	96	40099	19.663	ug/l	85
13) Acrolein	3.787	56	15087	121.573	ug/l	94
14) Allyl chloride	4.546	41	41655	20.616	ug/l	98
15) Acrylonitrile	5.251	53	46075	104.033	ug/l	99
16) Acetone	4.016	43	35359	118.634	ug/l	91
17) Carbon Disulfide	4.257	76	138471	20.394	ug/l	99
18) Methyl Acetate	4.557	43	31455	20.932	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	83033	20.177	ug/l	99
20) Methylene Chloride	4.793	84	61330	20.727	ug/l	92
21) trans-1,2-Dichloroethene	5.304	96	49608	20.935	ug/l	89
22) Diisopropyl ether	6.210	45	102619	21.399	ug/l	99
23) Vinyl Acetate	6.151	43	231732m	102.582	ug/l	
24) 1,1-Dichloroethane	6.104	63	79861	21.254	ug/l	97
25) 2-Butanone	7.081	43	50483	108.438	ug/l	89
26) 2,2-Dichloropropane	7.069	77	64692	21.789	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	55068	21.209	ug/l	99
28) Bromochloromethane	7.428	49	32649	22.583	ug/l	99
29) Tetrahydrofuran	7.434	42	30336	106.045	ug/l	96
30) Chloroform	7.593	83	84431	21.358	ug/l	95
31) Cyclohexane	7.875	56	55088	20.059	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	62422	20.208	ug/l	99
36) 1,1-Dichloropropene	8.004	75	57441	19.170	ug/l	99
37) Ethyl Acetate	7.169	43	21610	19.019	ug/l	100
38) Carbon Tetrachloride	7.992	117	51912	20.117	ug/l	92
39) Methylcyclohexane	9.269	83	59223	17.541	ug/l	95
40) Benzene	8.245	78	192846	20.277	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	9691	16.906	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	48807	21.117	ug/l	98
43) Isopropyl Acetate	8.363	43	39007	19.067	ug/l #	83
44) Trichloroethene	9.022	130	52419	19.946	ug/l	95
45) 1,2-Dichloropropane	9.304	63	45221	19.698	ug/l	98
46) Dibromomethane	9.392	93	27722	20.577	ug/l	99
47) Bromodichloromethane	9.581	83	62812	19.901	ug/l	96
48) Methyl methacrylate	9.375	41	16513	18.800	ug/l	96
49) 1,4-Dioxane	9.381	88	6802	417.008	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	106054	97.984	ug/l	98
52) Toluene	10.334	92	120458	20.696	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	56206	19.044	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	70807	20.309	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	38990	20.330	ug/l	95
56) Ethyl methacrylate	10.598	69	37463	18.890	ug/l	96
57) 1,3-Dichloropropane	10.881	76	60817	20.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	61742	77.695	ug/l	99
59) 2-Hexanone	10.922	43	72933	101.239	ug/l	100
60) Dibromochloromethane	11.075	129	44309	20.160	ug/l	95
61) 1,2-Dibromoethane	11.175	107	35989	20.310	ug/l	95
64) Tetrachloroethene	10.810	164	42375	19.324	ug/l	100
65) Chlorobenzene	11.604	112	135958	20.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	45202	19.743	ug/l	98
67) Ethyl Benzene	11.681	91	202163	19.122	ug/l	98
68) m/p-Xylenes	11.792	106	175395	40.105	ug/l	98
69) o-Xylene	12.122	106	79456	19.802	ug/l	99
70) Styrene	12.133	104	139385	20.128	ug/l	98
71) Bromoform	12.298	173	26838	20.693	ug/l #	97
73) Isopropylbenzene	12.422	105	189185	19.341	ug/l	99
74) N-amyl acetate	12.233	43	36337	19.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	46425	20.808	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	28114m	19.460	ug/l	
77) Bromobenzene	12.698	156	54827	20.275	ug/l	97
78) n-propylbenzene	12.763	91	245774	20.128	ug/l	99
79) 2-Chlorotoluene	12.845	91	137077	20.126	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	161828	19.876	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12549	19.925	ug/l	97
82) 4-Chlorotoluene	12.945	91	148966	20.400	ug/l	98
83) tert-Butylbenzene	13.163	119	133151	19.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	165581	19.925	ug/l	99
85) sec-Butylbenzene	13.345	105	206396	19.634	ug/l	98
86) p-Isopropyltoluene	13.463	119	170165	19.356	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	112288	20.513	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	115627	20.800	ug/l	98
89) n-Butylbenzene	13.786	91	154941	19.190	ug/l	98
90) Hexachloroethane	14.057	117	35971	20.234	ug/l	92
91) 1,2-Dichlorobenzene	13.827	146	97585	20.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5785	20.052	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	53073	19.257	ug/l	99
94) Hexachlorobutadiene	15.204	225	25192	19.501	ug/l	97
95) Naphthalene	15.333	128	102152	19.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	47641	18.828	ug/l	99

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

