

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070839.D
 Acq On : 26 Oct 2021 14:41
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Quant Time: Oct 27 05:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	442100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	669202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	336708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224009	50.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.909	113	237055	50.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.340%			
50) Toluene-d8	10.332	98	929752	52.828	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.620	95	305595	52.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	80133	19.544	ug/l	96
3) Chloromethane	2.209	50	117680	20.279	ug/l	99
4) Vinyl Chloride	2.344	62	125976	19.624	ug/l	96
5) Bromomethane	2.750	94	92901	20.667	ug/l	99
6) Chloroethane	2.909	64	74876	18.879	ug/l	89
7) Trichlorofluoromethane	3.274	101	154476	19.538	ug/l	98
8) Diethyl Ether	3.709	74	45196	20.632	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	102603	20.134	ug/l	98
10) Methyl Iodide	4.297	142	74979	16.598	ug/l	99
11) Tert butyl alcohol	5.215	59	26082	110.371	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	93133	20.878	ug/l	95
13) Acrolein	3.921	56	20400	96.265	ug/l	95
14) Allyl chloride	4.709	41	143663	20.558	ug/l	99
15) Acrylonitrile	5.415	53	105650	100.689	ug/l	97
16) Acetone	4.156	43	90706	87.684	ug/l	92
17) Carbon Disulfide	4.403	76	296261	18.787	ug/l	98
18) Methyl Acetate	4.715	43	73118	20.618	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	190574	20.537	ug/l	99
20) Methylene Chloride	4.962	84	136413	20.622	ug/l	94
21) trans-1,2-Dichloroethene	5.462	96	103891	19.653	ug/l	99
22) Diisopropyl ether	6.356	45	308423	21.283	ug/l	97
23) Vinyl Acetate	6.303	43	675432	101.371	ug/l	97
24) 1,1-Dichloroethane	6.262	63	199340	20.409	ug/l	99
25) 2-Butanone	7.209	43	127627	100.238	ug/l	96
26) 2,2-Dichloropropane	7.203	77	158972	20.400	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	113679	20.067	ug/l	98
28) Bromochloromethane	7.544	49	75373	19.680	ug/l	100
29) Tetrahydrofuran	7.562	42	79127	102.867	ug/l	98
30) Chloroform	7.709	83	193211	19.709	ug/l	96
31) Cyclohexane	7.979	56	179422	19.803	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	168335	20.106	ug/l	99
36) 1,1-Dichloropropene	8.109	75	150715	20.303	ug/l	99
37) Ethyl Acetate	7.291	43	56118	20.333	ug/l	99
38) Carbon Tetrachloride	8.091	117	147430	19.750	ug/l	99
39) Methylcyclohexane	9.356	83	166814	19.529	ug/l	97
40) Benzene	8.344	78	434897	20.151	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	30687	21.019	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	111805	20.347	ug/l	99
43) Isopropyl Acetate	8.450	43	106825	20.822	ug/l	97
44) Trichloroethene	9.108	130	112678	20.208	ug/l	94
45) 1,2-Dichloropropane	9.385	63	112552	19.671	ug/l	98
46) Dibromomethane	9.473	93	53892	19.211	ug/l	96
47) Bromodichloromethane	9.656	83	146413	20.190	ug/l	99
48) Methyl methacrylate	9.456	41	45249	18.459	ug/l #	82
49) 1,4-Dioxane	9.456	88	13004	434.339	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	285088	105.972	ug/l	97
52) Toluene	10.397	92	271767	20.953	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	129667	20.516	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	158129	20.264	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	79346	19.944	ug/l	99
56) Ethyl methacrylate	10.655	69	87939	19.857	ug/l	99
57) 1,3-Dichloropropane	10.938	76	136920	20.425	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	197733	104.545	ug/l	99
59) 2-Hexanone	10.979	43	193488	100.751	ug/l	99
60) Dibromochloromethane	11.138	129	96830	20.284	ug/l	98
61) 1,2-Dibromoethane	11.238	107	73694	20.067	ug/l	99
64) Tetrachloroethene	10.867	164	94184	20.513	ug/l	97
65) Chlorobenzene	11.661	112	284150	20.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	101888	20.005	ug/l	96
67) Ethyl Benzene	11.738	91	488478	20.431	ug/l	99
68) m/p-Xylenes	11.844	106	393411	42.260	ug/l	100
69) o-Xylene	12.173	106	170927	20.273	ug/l	98
70) Styrene	12.185	104	306336	20.978	ug/l	100
71) Bromoform	12.350	173	55324	20.555	ug/l #	98
73) Isopropylbenzene	12.473	105	462549	20.596	ug/l	100
74) N-amyl acetate	12.279	43	102817	20.816	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	89988	19.636	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	58794m	17.738	ug/l	
77) Bromobenzene	12.749	156	112040	20.475	ug/l	99
78) n-propylbenzene	12.808	91	611440	21.211	ug/l	99
79) 2-Chlorotoluene	12.897	91	344615	20.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	399036	20.935	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25084	19.863	ug/l	98
82) 4-Chlorotoluene	12.997	91	369565	21.246	ug/l	99
83) tert-Butylbenzene	13.214	119	331299	20.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	399510	21.259	ug/l	96
85) sec-Butylbenzene	13.391	105	524376	20.918	ug/l	99
86) p-Isopropyltoluene	13.502	119	426443	21.145	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	230251	20.377	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	230559	20.574	ug/l	100
89) n-Butylbenzene	13.832	91	404539	20.472	ug/l	99
90) Hexachloroethane	14.096	117	86640	19.144	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	192258	19.939	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13726	20.558	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	115839	20.791	ug/l	97
94) Hexachlorobutadiene	15.249	225	76993	20.974	ug/l	98
95) Naphthalene	15.385	128	183473	20.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	99060	20.461	ug/l	97

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

