

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070586.D
 Acq On : 06 Oct 2021 11:47
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:32:32 PM

Quant Time: Oct 07 06:58:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	332021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	562673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202895	51.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.860%			
35) Dibromofluoromethane	7.914	113	204554	51.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.332	98	810757	53.744	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.626	95	270025	53.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	79790	19.703	ug/l	94
3) Chloromethane	2.209	50	100788	20.046	ug/l	97
4) Vinyl Chloride	2.350	62	111223	19.962	ug/l	99
5) Bromomethane	2.756	94	76613	20.537	ug/l	99
6) Chloroethane	2.915	64	68808	19.341	ug/l	92
7) Trichlorofluoromethane	3.274	101	143538	19.878	ug/l	100
8) Diethyl Ether	3.715	74	32881	17.501	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	84307	19.264	ug/l	99
10) Methyl Iodide	4.297	142	64927	15.034	ug/l	98
11) Tert butyl alcohol	5.226	59	19456	100.513	ug/l	97
12) 1,1-Dichloroethene	4.068	96	75902	19.481	ug/l	88
13) Acrolein	3.915	56	19476	104.799	ug/l	97
14) Allyl chloride	4.715	41	99133	18.279	ug/l	99
15) Acrylonitrile	5.426	53	80666	98.966	ug/l	98
16) Acetone	4.156	43	61299	92.382	ug/l	95
17) Carbon Disulfide	4.409	76	275178	19.345	ug/l	98
18) Methyl Acetate	4.721	43	50877	19.870	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	148970	19.193	ug/l	94
20) Methylene Chloride	4.968	84	112880	18.220	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	89736	19.581	ug/l	92
22) Diisopropyl ether	6.362	45	213824	19.191	ug/l	95
23) Vinyl Acetate	6.309	43	450618	88.956	ug/l	98
24) 1,1-Dichloroethane	6.262	63	158587	19.325	ug/l	97
25) 2-Butanone	7.209	43	81286	93.566	ug/l	96
26) 2,2-Dichloropropane	7.209	77	131410	19.350	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	93289	19.371	ug/l	98
28) Bromochloromethane	7.544	49	54625	19.118	ug/l	97
29) Tetrahydrofuran	7.562	42	52936	94.535	ug/l	97
30) Chloroform	7.709	83	170840	20.013	ug/l	99
31) Cyclohexane	7.985	56	133659	18.473	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	144870	19.702	ug/l	98
36) 1,1-Dichloropropene	8.109	75	123158	19.538	ug/l	96
37) Ethyl Acetate	7.291	43	39345	18.788	ug/l #	78
38) Carbon Tetrachloride	8.091	117	128484	19.477	ug/l	98
39) Methylcyclohexane	9.350	83	131957	18.204	ug/l	95
40) Benzene	8.350	78	365724	19.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	19001	17.593	ug/l	95
42) 1,2-Dichloroethane	8.420	62	93263	19.410	ug/l	99
43) Isopropyl Acetate	8.450	43	70716	18.428	ug/l	94
44) Trichloroethene	9.114	130	89170	19.463	ug/l	96
45) 1,2-Dichloropropane	9.385	63	93151	19.646	ug/l	98
46) Dibromomethane	9.473	93	47556	19.542	ug/l	98
47) Bromodichloromethane	9.656	83	119667	19.055	ug/l	96
48) Methyl methacrylate	9.450	41	32969	18.328	ug/l #	90
49) 1,4-Dioxane	9.450	88	9035	365.367	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	191307	96.629	ug/l	99
52) Toluene	10.397	92	231976	20.324	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	103845	18.893	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	125994	19.039	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	68363	20.620	ug/l	95
56) Ethyl methacrylate	10.650	69	66385	17.678	ug/l	99
57) 1,3-Dichloropropane	10.938	76	109825	19.473	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	167092	104.607	ug/l	99
59) 2-Hexanone	10.979	43	128635	87.260	ug/l	97
60) Dibromochloromethane	11.132	129	77814	19.483	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61508	19.925	ug/l	99
64) Tetrachloroethene	10.867	164	72981	20.228	ug/l	94
65) Chlorobenzene	11.661	112	230737	19.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	85024	19.049	ug/l	96
67) Ethyl Benzene	11.738	91	384482	18.570	ug/l	97
68) m/p-Xylenes	11.850	106	317878	38.985	ug/l	99
69) o-Xylene	12.173	106	139129	19.184	ug/l	99
70) Styrene	12.185	104	250257	19.586	ug/l	100
71) Bromoform	12.350	173	42833	20.440	ug/l #	99
73) Isopropylbenzene	12.473	105	361621	17.942	ug/l	100
74) N-amyl acetate	12.279	43	70132	18.464	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	75908	19.264	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	57471m	22.968	ug/l	
77) Bromobenzene	12.750	156	84751	18.809	ug/l	98
78) n-propylbenzene	12.808	91	471455	18.484	ug/l	98
79) 2-Chlorotoluene	12.897	91	279278	18.666	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	318976	18.557	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	18984	16.844	ug/l	95
82) 4-Chlorotoluene	12.997	91	298562	19.088	ug/l	100
83) tert-Butylbenzene	13.214	119	251892	17.731	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	316728	18.519	ug/l	98
85) sec-Butylbenzene	13.391	105	405541	18.415	ug/l	99
86) p-Isopropyltoluene	13.502	119	326638	18.159	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	180761	19.104	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	180624	19.254	ug/l	98
89) n-Butylbenzene	13.832	91	311012	18.112	ug/l	97
90) Hexachloroethane	14.097	117	70670	18.171	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	156993	19.458	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10943	19.234	ug/l	89
93) 1,2,4-Trichlorobenzene	15.144	180	80188	18.461	ug/l	99
94) Hexachlorobutadiene	15.249	225	50323	18.334	ug/l	98
95) Naphthalene	15.385	128	134846	17.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	68015	17.777	ug/l	98

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

