

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068200.D
 Acq On : 27 Jan 2021 13:27
 Operator : VA/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Manual Integrations
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 1/28/2021 2:12:11 PM

Quant Time: Jan 27 23:57:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	357468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	627825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	559510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	254725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	158663	46.40	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.80%		
35) Dibromofluoromethane	7.920	113	162916	46.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.88%		
50) Toluene-d8	10.343	98	607209	43.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.46%		
62) 4-Bromofluorobenzene	12.632	95	218197	43.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	89565	21.09	ug/l	97
3) Chloromethane	2.209	50	102504	22.42	ug/l	99
4) Vinyl Chloride	2.350	62	111625	21.95	ug/l	99
5) Bromomethane	2.762	94	79427	22.77	ug/l	98
6) Chloroethane	2.920	64	72274	23.26	ug/l	97
7) Trichlorofluoromethane	3.279	101	136002	20.37	ug/l	94
8) Diethyl Ether	3.709	74	40751	20.73	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	81133	20.84	ug/l	92
10) Methyl Iodide	4.309	142	80556	20.44	ug/l	94
11) Tert butyl alcohol	5.214	59	31170	49.36	ug/l	97
12) 1,1-Dichloroethene	4.079	96	79854	20.39	ug/l	90
13) Acrolein	3.932	56	25616	95.06	ug/l	97
14) Allyl chloride	4.720	41	117865	20.69	ug/l	96
15) Acrylonitrile	5.432	53	85682	110.04	ug/l	99
16) Acetone	4.161	43	65927	107.97	ug/l	97
17) Carbon Disulfide	4.414	76	255038	20.22	ug/l	98
18) Methyl Acetate	4.726	43	38214	24.11	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	195368	21.58	ug/l	94
20) Methylene Chloride	4.973	84	109493	23.57	ug/l #	88
21) trans-1,2-Dichloroethene	5.479	96	94572	21.03	ug/l	96
22) Diisopropyl ether	6.367	45	247296	21.51	ug/l #	93
23) Vinyl Acetate	6.314	43	647292	105.64	ug/l	97
24) 1,1-Dichloroethane	6.267	63	161440	21.67	ug/l	99
25) 2-Butanone	7.214	43	96206	104.64	ug/l	97
26) 2,2-Dichloropropane	7.214	77	139418	19.78	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	106392	21.80	ug/l	92
28) Bromochloromethane	7.555	49	56404	22.23	ug/l #	77
29) Tetrahydrofuran	7.561	42	64834	108.79	ug/l	92
30) Chloroform	7.714	83	165781	22.03	ug/l	97
31) Cyclohexane	7.991	56	147664	19.94	ug/l	90
32) 1,1,1-Trichloroethane	7.908	97	144986	21.38	ug/l	95
36) 1,1-Dichloropropene	8.114	75	129798	20.50	ug/l	95
37) Ethyl Acetate	7.297	43	47516	21.22	ug/l	94
38) Carbon Tetrachloride	8.102	117	115573	19.50	ug/l	93
39) Methylcyclohexane	9.361	83	160388	19.38	ug/l	97
40) Benzene	8.355	78	372241	21.03	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	25503	18.87	ug/l #	90
42) 1,2-Dichloroethane	8.426	62	102936	21.76	ug/l	97
43) Isopropyl Acetate	8.455	43	96897	20.76	ug/l	93
44) Trichloroethene	9.114	130	98275	20.21	ug/l	93
45) 1,2-Dichloropropane	9.391	63	93254	21.51	ug/l	100
46) Dibromomethane	9.479	93	47481	21.62	ug/l	93
47) Bromodichloromethane	9.667	83	126397	21.33	ug/l	97
48) Methyl methacrylate	9.461	41	48108	20.71	ug/l	99
49) 1,4-Dioxane	9.467	88	10349	402.04	ug/l #	85
51) 4-Methyl-2-Pentanone	10.232	43	226444	104.38	ug/l	96
52) Toluene	10.408	92	243273	21.09	ug/l	97
53) t-1,3-Dichloropropene	10.626	75	123724	20.62	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	145223	20.34	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	65160	20.93	ug/l	91
56) Ethyl methacrylate	10.661	69	84207	20.31	ug/l	94
57) 1,3-Dichloropropane	10.949	76	118280	21.53	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	208209	108.81	ug/l	91
59) 2-Hexanone	10.991	43	152576	101.46	ug/l	97
60) Dibromochloromethane	11.143	129	81212	20.81	ug/l	98
61) 1,2-Dibromoethane	11.249	107	65190	21.22	ug/l	100
64) Tetrachloroethene	10.879	164	82045	20.81	ug/l	96
65) Chlorobenzene	11.673	112	250154	21.04	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	85113	20.35	ug/l	96
67) Ethyl Benzene	11.749	91	464677	21.11	ug/l	96
68) m/p-Xylenes	11.855	106	340189	40.94	ug/l	97
69) o-Xylene	12.185	106	157525	20.41	ug/l	99
70) Styrene	12.196	104	274354	20.83	ug/l	99
71) Bromoform	12.361	173	43296	20.43	ug/l #	99
73) Isopropylbenzene	12.479	105	433833	20.47	ug/l	100
74) N-amyl acetate	12.290	43	86818	19.71	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.732	83	71001	21.06	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	48162m	19.55	ug/l	
77) Bromobenzene	12.761	156	92619	20.38	ug/l	84
78) n-propylbenzene	12.820	91	512707	20.45	ug/l	98
79) 2-Chlorotoluene	12.908	91	289504	20.56	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	356791	20.21	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	24892	20.45	ug/l	93
82) 4-Chlorotoluene	13.008	91	299112	20.43	ug/l	98
83) tert-Butylbenzene	13.226	119	302180	20.20	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	356116	20.32	ug/l	100
85) sec-Butylbenzene	13.402	105	425858	20.35	ug/l	97
86) p-Isopropyltoluene	13.514	119	379348	19.93	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	180173	20.62	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	179143	20.81	ug/l	97
89) n-Butylbenzene	13.843	91	361852	19.81	ug/l	98
90) Hexachloroethane	14.114	117	66622	19.38	ug/l	90
91) 1,2-Dichlorobenzene	13.890	146	155619	20.79	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10718	19.42	ug/l	82
93) 1,2,4-Trichlorobenzene	15.161	180	103518	20.18	ug/l	98
94) Hexachlorobutadiene	15.267	225	57152	20.09	ug/l	97
95) Naphthalene	15.402	128	196660	20.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	91318	21.10	ug/l	95

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

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