

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068915.D
 Acq On : 20 Apr 2021 11:14
 Operator : VA/SY
 Sample : VD0420SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

Manual Integrations
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MMDadoda
 4/21/2021 4:32:04 PM

Quant Time: Apr 21 08:05:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	160392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	260121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	246280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	123489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	82014	48.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.76%		
35) Dibromofluoromethane	7.920	113	90776	53.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.30%		
50) Toluene-d8	10.338	98	338704	53.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.14%		
62) 4-Bromofluorobenzene	12.632	95	110943	52.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	32135	20.22	ug/l	99
3) Chloromethane	2.209	50	33406	17.88	ug/l	99
4) Vinyl Chloride	2.350	62	43053	18.34	ug/l	97
5) Bromomethane	2.750	94	38071	21.70	ug/l	91
6) Chloroethane	2.915	64	31762	20.59	ug/l	100
7) Trichlorofluoromethane	3.268	101	59049	21.38	ug/l	96
8) Diethyl Ether	3.709	74	16067	21.54	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	35893	21.53	ug/l	98
10) Methyl Iodide	4.297	142	31931	17.88	ug/l	98
11) Tert butyl alcohol	5.226	59	10331	96.47	ug/l #	85
12) 1,1-Dichloroethene	4.062	96	31132	19.39	ug/l	94
13) Acrolein	3.926	56	5055	75.77	ug/l	93
14) Allyl chloride	4.720	41	33726	18.64	ug/l	94
15) Acrylonitrile	5.420	53	30609	91.44	ug/l	98
16) Acetone	4.162	43	22328	95.12	ug/l	97
17) Carbon Disulfide	4.409	76	102143	19.66	ug/l	100
18) Methyl Acetate	4.726	43	11903	18.46	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	69545	19.52	ug/l	92
20) Methylene Chloride	4.973	84	40077	18.00	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	39532	19.18	ug/l	96
22) Diisopropyl ether	6.367	45	79616	18.16	ug/l	94
23) Vinyl Acetate	6.309	43	210016	90.39	ug/l	96
24) 1,1-Dichloroethane	6.261	63	62363	18.87	ug/l	97
25) 2-Butanone	7.214	43	30653	92.28	ug/l	96
26) 2,2-Dichloropropane	7.208	77	53084	19.66	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	40910	19.97	ug/l	96
28) Bromochloromethane	7.544	49	20823	17.45	ug/l	95
29) Tetrahydrofuran	7.561	42	20636	92.38	ug/l	95
30) Chloroform	7.708	83	68045	18.81	ug/l	99
31) Cyclohexane	7.985	56	50074	17.75	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	61060	19.31	ug/l	99
36) 1,1-Dichloropropene	8.108	75	52465	19.93	ug/l	99
37) Ethyl Acetate	7.297	43	15689	20.29	ug/l	96
38) Carbon Tetrachloride	8.097	117	54846	21.04	ug/l	97
39) Methylcyclohexane	9.355	83	60416	19.68	ug/l	97
40) Benzene	8.350	78	153268	19.89	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	7926	17.31	ug/l #	57
42) 1,2-Dichloroethane	8.426	62	41183	20.22	ug/l	98
43) Isopropyl Acetate	8.450	43	30232	19.18	ug/l	97
44) Trichloroethene	9.114	130	44424	20.88	ug/l	88
45) 1,2-Dichloropropane	9.391	63	36645	19.91	ug/l	95
46) Dibromomethane	9.479	93	21187	20.67	ug/l	93
47) Bromodichloromethane	9.661	83	55619	20.77	ug/l	92
48) Methyl methacrylate	9.455	41	14005	18.03	ug/l	84
49) 1,4-Dioxane	9.467	88	4670	430.27	ug/l	88
51) 4-Methyl-2-Pentanone	10.232	43	78122	98.31	ug/l	99
52) Toluene	10.402	92	100612	20.62	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	47338	19.94	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	57135	20.12	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	30223	20.85	ug/l	95
56) Ethyl methacrylate	10.661	69	29818	19.98	ug/l	99
57) 1,3-Dichloropropane	10.944	76	50464	21.14	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	65686	94.06	ug/l	98
59) 2-Hexanone	10.985	43	52997	99.67	ug/l	98
60) Dibromochloromethane	11.138	129	39063	21.49	ug/l	99
61) 1,2-Dibromoethane	11.244	107	29046	20.62	ug/l	97
64) Tetrachloroethene	10.873	164	36042	20.88	ug/l	98
65) Chlorobenzene	11.667	112	112037	21.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	40951	21.36	ug/l	99
67) Ethyl Benzene	11.744	91	188372	20.40	ug/l	98
68) m/p-Xylenes	11.849	106	148407	41.66	ug/l	97
69) o-Xylene	12.179	106	66781	20.62	ug/l	95
70) Styrene	12.191	104	113560	20.12	ug/l	99
71) Bromoform	12.355	173	21099	20.55	ug/l #	99
73) Isopropylbenzene	12.479	105	178417	19.79	ug/l	99
74) N-amyl acetate	12.285	43	28213	18.45	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	31664	18.79	ug/l	95
76) 1,2,3-Trichloropropane	12.779	75	21584m	19.13	ug/l	
77) Bromobenzene	12.755	156	45041	20.78	ug/l	95
78) n-propylbenzene	12.814	91	218529	19.95	ug/l	100
79) 2-Chlorotoluene	12.902	91	121895	19.92	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	152906	20.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	9529	19.60	ug/l	99
82) 4-Chlorotoluene	13.002	91	129186	19.92	ug/l	99
83) tert-Butylbenzene	13.220	119	123558	19.32	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	150654	19.79	ug/l	98
85) sec-Butylbenzene	13.396	105	179269	19.86	ug/l	99
86) p-Isopropyltoluene	13.514	119	162778	19.75	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	87426	20.36	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	87069	20.49	ug/l	99
89) n-Butylbenzene	13.838	91	147425	18.99	ug/l	100
90) Hexachloroethane	14.108	117	33728	20.54	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	76528	20.59	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4938	19.27	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	45864	19.94	ug/l	99
94) Hexachlorobutadiene	15.261	225	26494	20.12	ug/l	98
95) Naphthalene	15.396	128	77923	19.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	40835	20.30	ug/l	100

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

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