

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042420\
 Data File : VD065677.D
 Acq On : 24 Apr 2020 15:49
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD042420

Quant Time: Apr 24 17:21:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 14:44:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	222502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	295530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	271261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	92579	42.36	ug/l	0.00
Spiked Amount			Recovery	=	84.72%	
35) Dibromofluoromethane	7.91	113	89033	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
50) Toluene-d8	10.34	98	336234	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.64	95	111233	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	103582	51.919	ug/l	99
3) Chloromethane	2.21	50	114020	46.896	ug/l	100
4) Vinyl Chloride	2.35	62	128308	47.814	ug/l	99
5) Bromomethane	2.77	94	73655	46.277	ug/l	100
6) Chloroethane	2.93	64	73508	45.663	ug/l	94
7) Trichlorofluoromethane	3.27	101	170736	46.227	ug/l	100
8) Diethyl Ether	3.70	74	46611	42.857	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	102768	46.892	ug/l	100
10) Methyl Iodide	4.29	142	93660	48.698	ug/l	97
11) Tert butyl alcohol	5.26	59	23801	234.340	ug/l	100
12) 1,1-Dichloroethene	4.06	96	98220	45.329	ug/l	98
13) Acrolein	3.92	56	34479	216.880	ug/l	99
14) Allyl chloride	4.71	41	163495	53.922	ug/l	95
15) Acrylonitrile	5.43	53	100327	237.862	ug/l	99
16) Acetone	4.16	43	122717	292.741	ug/l	99
17) Carbon Disulfide	4.39	76	298352	50.824	ug/l	99
18) Methyl Acetate	4.72	43	52891	46.889	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	198997	50.780	ug/l	99
20) Methylene Chloride	4.96	84	101583	46.734	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	111236	52.025	ug/l	97
22) Diisopropyl ether	6.37	45	318994	50.436	ug/l	97
23) Vinyl Acetate	6.31	43	880644	229.645	ug/l	98
24) 1,1-Dichloroethane	6.26	63	189271	47.563	ug/l	99
25) 2-Butanone	7.22	43	140407	241.621	ug/l	97
26) 2,2-Dichloropropane	7.20	77	179082	48.685	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	113123	48.912	ug/l	99
28) Bromochloromethane	7.55	49	71601	44.921	ug/l	98
29) Tetrahydrofuran	7.57	42	79986	226.048	ug/l	98
30) Chloroform	7.71	83	193552	46.229	ug/l	99
31) Cyclohexane	7.99	56	186491	49.254	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	182921	47.771	ug/l	99
36) 1,1-Dichloropropene	8.11	75	161295	50.993	ug/l	99
37) Ethyl Acetate	7.30	43	58964	46.232	ug/l	99
38) Carbon Tetrachloride	8.09	117	170164	48.124	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.36	83	188928	54.420	ug/l	98
40) Benzene	8.35	78	429889	49.258	ug/l	100
41) Methacrylonitrile	7.53	41	33858	50.311	ug/l #	96
42) 1,2-Dichloroethane	8.43	62	124481	46.404	ug/l	97
43) Isopropyl Acetate	8.46	43	109948	46.785	ug/l	99
44) Trichloroethene	9.11	130	117814	48.770	ug/l	99
45) 1,2-Dichloropropane	9.39	63	105010	47.774	ug/l	99
46) Dibromomethane	9.48	93	53415	46.827	ug/l	98
47) Bromodichloromethane	9.67	83	146683	47.350	ug/l	100
48) Methyl methacrylate	9.46	41	54204	47.434	ug/l	97
49) 1,4-Dioxane	9.47	88	11570	851.498	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	285078	235.115	ug/l	98
52) Toluene	10.41	92	276466	51.009	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	135317	49.131	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	161645	49.074	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	73170	46.295	ug/l	96
56) Ethyl methacrylate	10.67	69	85374	44.441	ug/l	93
57) 1,3-Dichloropropane	10.95	76	127448	47.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	204059	244.158	ug/l	100
59) 2-Hexanone	10.99	43	206368	248.060	ug/l	98
60) Dibromochloromethane	11.14	129	96982	45.678	ug/l	99
61) 1,2-Dibromoethane	11.25	107	70180	47.355	ug/l	97
64) Tetrachloroethene	10.88	164	104547	50.604	ug/l	97
65) Chlorobenzene	11.67	112	283676	49.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	108073	48.178	ug/l	100
67) Ethyl Benzene	11.75	91	522965	53.091	ug/l	96
68) m/p-Xylenes	11.86	106	412367	107.742	ug/l	96
69) o-Xylene	12.18	106	177158	53.878	ug/l	94
70) Styrene	12.20	104	315975	48.640	ug/l	100
71) Bromoform	12.37	173	57516	46.116	ug/l #	99
73) Isopropylbenzene	12.48	105	491337	57.926	ug/l	99
74) N-amyl acetate	12.30	43	97937	50.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	75569	48.137	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	53178m	48.691	ug/l	
77) Bromobenzene	12.77	156	116418	52.304	ug/l	98
78) n-propylbenzene	12.83	91	598150	57.260	ug/l	99
79) 2-Chlorotoluene	12.91	91	323613	54.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	415669	57.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	26284	51.736	ug/l	95
82) 4-Chlorotoluene	13.01	91	344942	53.690	ug/l	98
83) tert-Butylbenzene	13.23	119	345827	58.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	410156	56.887	ug/l	100
85) sec-Butylbenzene	13.41	105	493548	57.670	ug/l	99
86) p-Isopropyltoluene	13.53	119	457486	56.777	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	226917	51.695	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	220604	50.379	ug/l	100
89) n-Butylbenzene	13.86	91	422298	56.935	ug/l	99
90) Hexachloroethane	14.12	117	88512	50.626	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	192635	51.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11356	44.976	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	127817	51.579	ug/l	98
94) Hexachlorobutadiene	15.28	225	93204	51.331	ug/l	99
95) Naphthalene	15.41	128	189284	45.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	111276	50.568	ug/l	99

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

