

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062620\
 Data File : VD065877.D
 Acq On : 26 Jun 2020 12:32
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 26 18:48:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 18:33:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	273306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	252847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131251	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	169890	95.91	ug/l	0.00
Spiked Amount			Recovery	=	191.82%	
35) Dibromofluoromethane	7.91	113	164205	100.14	ug/l	0.00
Spiked Amount			Recovery	=	200.28%	
50) Toluene-d8	10.34	98	641755	100.75	ug/l	0.00
Spiked Amount			Recovery	=	201.50%	
62) 4-Bromofluorobenzene	12.64	95	223326	106.64	ug/l	0.00
Spiked Amount			Recovery	=	213.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	144662	89.541	ug/l	98
3) Chloromethane	2.21	50	210276	91.866	ug/l	97
4) Vinyl Chloride	2.35	62	230903	92.964	ug/l	94
5) Bromomethane	2.76	94	144561	89.119	ug/l	97
6) Chloroethane	2.92	64	146128	91.767	ug/l	98
7) Trichlorofluoromethane	3.27	101	306910	95.893	ug/l	98
8) Diethyl Ether	3.71	74	78906	96.794	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	170182	95.015	ug/l	98
10) Methyl Iodide	4.30	142	198236	119.140	ug/l	98
11) Tert butyl alcohol	5.21	59	41458	422.103	ug/l	97
12) 1,1-Dichloroethene	4.07	96	159682	93.890	ug/l	90
13) Acrolein	3.92	56	59832	477.848	ug/l	97
14) Allyl chloride	4.71	41	265884	100.591	ug/l	96
15) Acrylonitrile	5.42	53	170785	481.262	ug/l	99
16) Acetone	4.16	43	168684	482.042	ug/l #	87
17) Carbon Disulfide	4.41	76	535569	95.469	ug/l	99
18) Methyl Acetate	4.72	43	73760	98.855	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	366655	100.596	ug/l	97
20) Methylene Chloride	4.97	84	175698	82.867	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	187505	97.925	ug/l	98
22) Diisopropyl ether	6.37	45	567405	104.192	ug/l	98
23) Vinyl Acetate	6.31	43	1655974	523.477	ug/l	99
24) 1,1-Dichloroethane	6.26	63	323042	97.838	ug/l	99
25) 2-Butanone	7.21	43	228494	491.570	ug/l	100
26) 2,2-Dichloropropane	7.21	77	299622	99.966	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	204772	99.472	ug/l	99
28) Bromochloromethane	7.55	49	123209	101.523	ug/l	100
29) Tetrahydrofuran	7.56	42	148460	515.565	ug/l	96
30) Chloroform	7.71	83	345432	99.105	ug/l	100
31) Cyclohexane	7.98	56	300749	95.655	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	323392	99.904	ug/l	99
36) 1,1-Dichloropropene	8.11	75	267766	99.259	ug/l	98
37) Ethyl Acetate	7.29	43	107940	104.996	ug/l #	97
38) Carbon Tetrachloride	8.10	117	290728	101.227	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	321493	102.119	ug/l	98
40) Benzene	8.35	78	751269	101.079	ug/l	98
41) Methacrylonitrile	7.53	41	61912m	96.958	ug/l	
42) 1,2-Dichloroethane	8.43	62	217975	100.312	ug/l	99
43) Isopropyl Acetate	8.46	43	205565	103.246	ug/l	98
44) Trichloroethene	9.11	130	199333	100.749	ug/l	97
45) 1,2-Dichloropropane	9.38	63	179857	100.288	ug/l	98
46) Dibromomethane	9.48	93	99162	102.629	ug/l	98
47) Bromodichloromethane	9.66	83	269793	102.545	ug/l	98
48) Methyl methacrylate	9.46	41	105892	108.837	ug/l	88
49) 1,4-Dioxane	9.47	88	19263	1791.856	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	531350	528.705	ug/l	99
52) Toluene	10.40	92	508988	106.694	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	258615	106.501	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	298505	102.738	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	132377	102.116	ug/l	93
56) Ethyl methacrylate	10.67	69	170541	106.171	ug/l	97
57) 1,3-Dichloropropane	10.95	76	231702	100.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	361139	513.637	ug/l	98
59) 2-Hexanone	10.99	43	374897	527.666	ug/l	99
60) Dibromochloromethane	11.14	129	181662	103.900	ug/l	99
61) 1,2-Dibromoethane	11.25	107	131795	104.585	ug/l	97
64) Tetrachloroethene	10.88	164	162846	99.061	ug/l	100
65) Chlorobenzene	11.67	112	501274	100.523	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	194816	105.461	ug/l	98
67) Ethyl Benzene	11.75	91	986964	106.739	ug/l	100
68) m/p-Xylenes	11.85	106	771099	218.620	ug/l	99
69) o-Xylene	12.18	106	343129	108.556	ug/l	99
70) Styrene	12.20	104	623805	112.767	ug/l	99
71) Bromoform	12.36	173	97260	98.832	ug/l #	96
73) Isopropylbenzene	12.48	105	983198	104.750	ug/l	100
74) N-amyl acetate	12.29	43	210287	102.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	147797	95.508	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	89947m	82.662	ug/l	
77) Bromobenzene	12.77	156	204023	96.568	ug/l	96
78) n-propylbenzene	12.83	91	1173167	103.499	ug/l	100
79) 2-Chlorotoluene	12.91	91	640165	102.778	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	825901	105.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53113	100.498	ug/l	97
82) 4-Chlorotoluene	13.01	91	695478	103.833	ug/l	98
83) tert-Butylbenzene	13.23	119	703029	105.758	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	829686	106.602	ug/l	100
85) sec-Butylbenzene	13.41	105	976514	103.974	ug/l	99
86) p-Isopropyltoluene	13.52	119	919807	106.661	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	423060	102.803	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	411147	99.933	ug/l	99
89) n-Butylbenzene	13.85	91	873322	104.454	ug/l	99
90) Hexachloroethane	14.11	117	170302	97.947	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	359757	100.042	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23976	96.723	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	217633	93.677	ug/l	100
94) Hexachlorobutadiene	15.27	225	122446	95.799	ug/l	98
95) Naphthalene	15.41	128	399646	98.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	181974	94.807	ug/l	98

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

