

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
 Data File : VD059579.D
 Acq On : 24 Jul 2018 19:15
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 25 05:41:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 05:39:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	140518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	185495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	153441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	73036	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	175198	173.11	ug/l	0.00
Spiked Amount			Recovery	=	346.22%	
35) Dibromofluoromethane	5.51	113	156738	108.61	ug/l	0.00
Spiked Amount			Recovery	=	217.22%	
50) Toluene-d8	8.68	98	330082	100.68	ug/l	0.00
Spiked Amount			Recovery	=	201.36%	
62) 4-Bromofluorobenzene	11.92	95	152467	115.64	ug/l	0.00
Spiked Amount			Recovery	=	231.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.30	85	151302	135.851	ug/l	98
3) Chloromethane	1.45	50	79784	142.072	ug/l	100
4) Vinyl Chloride	1.52	62	89623	164.282	ug/l	99
5) Bromomethane	1.75	94	18387	215.837	ug/l	89
6) Chloroethane	1.82	64	16137	79.138	ug/l	99
7) Trichlorofluoromethane	2.02	101	151139	154.241	ug/l	100
8) Diethyl Ether	2.31	74	30118	178.220	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.50	101	80514	151.644	ug/l	94
10) Methyl Iodide	2.64	142	111262	159.876	ug/l	96
11) Tert butyl alcohol	3.25	59	33350	1002.538	ug/l #	87
12) 1,1-Dichloroethene	2.50	96	61685	146.678	ug/l	90
13) Acrolein	2.44	56	18693	549.049	ug/l	83
14) Allyl chloride	2.87	41	146928	190.082	ug/l	97
15) Acrylonitrile	3.31	53	80932	961.305	ug/l	96
16) Acetone	2.58	43	132865	1069.606	ug/l	99
17) Carbon Disulfide	2.70	76	245471	165.585	ug/l	97
18) Methyl Acetate	2.89	43	53413	140.850	ug/l	99
19) Methyl tert-butyl Ether	3.36	73	199733	137.260	ug/l	99
20) Methylene Chloride	3.02	84	71601	119.787	ug/l	88
21) trans-1,2-Dichloroethene	3.33	96	66447	127.353	ug/l	98
22) Diisopropyl ether	4.03	45	343306	135.459	ug/l	96
23) Vinyl Acetate	3.97	43	1081390	829.005	ug/l	99
24) 1,1-Dichloroethane	3.92	63	228306	134.992	ug/l	97
25) 2-Butanone	4.80	43	190397	778.458	ug/l	98
26) 2,2-Dichloropropane	4.75	77	234072	206.222	ug/l	98
27) cis-1,2-Dichloroethene	4.75	96	117907	112.527	ug/l	91
28) Bromochloromethane	5.10	49	94923	154.574	ug/l #	99
29) Tetrahydrofuran	5.14	42	94470	780.743	ug/l	98
30) Chloroform	5.28	83	277796	142.973	ug/l	99
31) Cyclohexane	5.54	56	153897	131.809	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	279264	160.782	ug/l	99
36) 1,1-Dichloropropene	5.70	75	179289	115.889	ug/l	96
37) Ethyl Acetate	4.89	43	95964	140.545	ug/l	97
38) Carbon Tetrachloride	5.68	117	250466	130.062	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	158212	105.496	ug/l	97
40) Benzene	5.98	78	341371	95.079	ug/l	100
41) Methacrylonitrile	5.08	41	49341	144.012	ug/l	96
42) 1,2-Dichloroethane	6.09	62	229622	149.126	ug/l	99
43) Isopropyl Acetate	7.59	43	136210	144.440	ug/l	97
44) Trichloroethene	6.94	130	133415	84.714	ug/l	98
45) 1,2-Dichloropropane	7.32	63	104695	114.746	ug/l	97
46) Dibromomethane	7.42	93	89388	124.992	ug/l	95
47) Bromodichloromethane	7.71	83	208267	124.048	ug/l	98
48) Methyl methacrylate	7.47	41	88195	139.655	ug/l	96
49) 1,4-Dioxane	7.46	88	17138	2552.933	ug/l	87
51) 4-Methyl-2-Pentanone	8.57	43	418171	660.782	ug/l	100
52) Toluene	8.77	92	223971	97.060	ug/l	93
53) t-1,3-Dichloropropene	9.16	75	192519	143.570	ug/l	98
54) cis-1,3-Dichloropropene	8.33	75	186809	126.721	ug/l	95
55) 1,1,2-Trichloroethane	9.43	97	88152	105.811	ug/l	97
56) Ethyl methacrylate	9.29	69	110785	122.358	ug/l	95
57) 1,3-Dichloropropane	9.64	76	145564	112.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.16	63	235925	574.720	ug/l	98
59) 2-Hexanone	9.76	43	327938	721.910	ug/l	98
60) Dibromochloromethane	9.93	129	161445	107.993	ug/l	100
61) 1,2-Dibromoethane	10.07	107	109572	111.770	ug/l	92
64) Tetrachloroethene	9.49	164	129914	63.128	ug/l	97
65) Chlorobenzene	10.70	112	286772	94.895	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.83	131	127271	98.856	ug/l	98
67) Ethyl Benzene	10.84	91	470490	104.064	ug/l	99
68) m/p-Xylenes	10.99	106	316519	191.853	ug/l	98
69) o-Xylene	11.39	106	148420	92.464	ug/l	89
70) Styrene	11.42	104	253871	95.711	ug/l	99
71) Bromoform	11.58	173	114098	96.071	ug/l	99
73) Isopropylbenzene	11.76	105	481625	123.062	ug/l	100
74) N-amyl acetate	11.63	43	179544	171.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	103960	131.826	ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	116891	143.805	ug/l	99
77) Bromobenzene	12.03	156	141246	92.386	ug/l	87
78) n-propylbenzene	12.15	91	571912	126.268	ug/l	99
79) 2-Chlorotoluene	12.20	91	346930	128.699	ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	371096	122.569	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.83	75	32689	183.943	ug/l	98
82) 4-Chlorotoluene	12.31	91	371242	123.836	ug/l	96
83) tert-Butylbenzene	12.57	119	424471	128.008	ug/l	91
84) 1,2,4-Trimethylbenzene	12.62	105	398753	126.840	ug/l	98
85) sec-Butylbenzene	12.75	105	479233	128.025	ug/l	97
86) p-Isopropyltoluene	12.87	119	422742	123.418	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	238625	96.400	ug/l	97
88) 1,4-Dichlorobenzene	12.91	146	228119	94.041	ug/l	96
89) n-Butylbenzene	13.19	91	373102	130.351	ug/l	97
90) Hexachloroethane	13.39	117	112361	122.493	ug/l	84
91) 1,2-Dichlorobenzene	13.18	146	190174	92.895	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.76	75	24234	183.229	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	166036	93.346	ug/l	96
94) Hexachlorobutadiene	14.43	225	134543	102.992	ug/l	98
95) Naphthalene	14.51	128	247990	115.079	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	152412	96.277	ug/l	99

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

