

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
 Data File : VD059580.D
 Acq On : 24 Jul 2018 19:44
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 25 05:42:09 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	143639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	190563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	142663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	71058	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	271157	262.10	ug/l	0.00
Spiked Amount			Recovery	=	524.20%	
35) Dibromofluoromethane	5.51	113	237971	160.52	ug/l	0.00
Spiked Amount			Recovery	=	321.04%	
50) Toluene-d8	8.68	98	483348	143.51	ug/l	0.00
Spiked Amount			Recovery	=	287.02%	
62) 4-Bromofluorobenzene	11.92	95	230517	170.19	ug/l	0.00
Spiked Amount			Recovery	=	340.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.31	85	214758	188.636	ug/l	96
3) Chloromethane	1.45	50	116501	202.946	ug/l	96
4) Vinyl Chloride	1.52	62	125818	225.618	ug/l	97
5) Bromomethane	1.75	94	26930	309.251	ug/l	87
6) Chloroethane	1.82	64	10455	50.158	ug/l	99
7) Trichlorofluoromethane	2.02	101	216879	216.522	ug/l	98
8) Diethyl Ether	2.31	74	47549	275.253	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.50	101	120165	221.406	ug/l	95
10) Methyl Iodide	2.64	142	166615	234.212	ug/l	96
11) Tert butyl alcohol	3.27	59	63612	1870.698	ug/l #	95
12) 1,1-Dichloroethene	2.49	96	92657	215.538	ug/l	96
13) Acrolein	2.44	56	28012	804.889	ug/l	87
14) Allyl chloride	2.87	41	218923	277.069	ug/l	95
15) Acrylonitrile	3.32	53	126747	1472.782	ug/l	97
16) Acetone	2.58	43	203044	1599.054	ug/l	100
17) Carbon Disulfide	2.70	76	373920	246.751	ug/l	99
18) Methyl Acetate	2.90	43	90690	233.954	ug/l	99
19) Methyl tert-butyl Ether	3.36	73	297576	200.055	ug/l	99
20) Methylene Chloride	3.02	84	105862	173.257	ug/l	88
21) trans-1,2-Dichloroethene	3.33	96	102543	192.264	ug/l	89
22) Diisopropyl ether	4.03	45	511650	197.497	ug/l	100
23) Vinyl Acetate	3.97	43	1614440	1210.755	ug/l	98
24) 1,1-Dichloroethane	3.91	63	335140	193.854	ug/l	99
25) 2-Butanone	4.81	43	295132	1180.459	ug/l	99
26) 2,2-Dichloropropane	4.75	77	338240	291.522	ug/l	96
27) cis-1,2-Dichloroethene	4.75	96	170410	159.101	ug/l	87
28) Bromochloromethane	5.10	49	134977	215.023	ug/l	97
29) Tetrahydrofuran	5.15	42	135528	1095.728	ug/l	99
30) Chloroform	5.28	83	401689	202.245	ug/l	98
31) Cyclohexane	5.55	56	213189	178.624	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	402818	226.877	ug/l	99
36) 1,1-Dichloropropene	5.70	75	255689	160.876	ug/l	95
37) Ethyl Acetate	4.89	43	131983	188.156	ug/l	98
38) Carbon Tetrachloride	5.68	117	355752	179.822	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	225100	146.105	ug/l	96
40) Benzene	5.97	78	502572	136.254	ug/l	99
41) Methacrylonitrile	5.08	41	65966	187.415	ug/l	95
42) 1,2-Dichloroethane	6.09	62	344991	218.093	ug/l	99
43) Isopropyl Acetate	7.59	43	199819	206.257	ug/l	99
44) Trichloroethene	6.94	130	194558	120.253	ug/l	98
45) 1,2-Dichloropropane	7.32	63	147111	156.946	ug/l	100
46) Dibromomethane	7.42	93	134902	183.618	ug/l	96
47) Bromodichloromethane	7.71	83	319213	185.073	ug/l	96
48) Methyl methacrylate	7.47	41	132026	203.501	ug/l	94
49) 1,4-Dioxane	7.46	88	25505	3698.267	ug/l #	85
51) 4-Methyl-2-Pentanone	8.58	43	618629	951.543	ug/l	99
52) Toluene	8.78	92	324755	136.993	ug/l	93
53) t-1,3-Dichloropropene	9.17	75	277953	201.769	ug/l	99
54) cis-1,3-Dichloropropene	8.33	75	275825	182.128	ug/l	92
55) 1,1,2-Trichloroethane	9.43	97	129939	151.822	ug/l	96
56) Ethyl methacrylate	9.29	69	158679	170.595	ug/l	94
57) 1,3-Dichloropropane	9.64	76	213215	160.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.17	63	345651	819.622	ug/l	99
59) 2-Hexanone	9.77	43	470973	1009.209	ug/l	96
60) Dibromochloromethane	9.93	129	244542	159.228	ug/l	98
61) 1,2-Dibromoethane	10.07	107	170425	169.221	ug/l	99
64) Tetrachloroethene	9.49	164	190861	99.750	ug/l	98
65) Chlorobenzene	10.71	112	392053	139.534	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.83	131	180168	150.516	ug/l	98
67) Ethyl Benzene	10.85	91	663263	157.785	ug/l	97
68) m/p-Xylenes	11.00	106	471571	307.430	ug/l	91
69) o-Xylene	11.39	106	220413	147.689	ug/l	92
70) Styrene	11.42	104	368247	149.320	ug/l	98
71) Bromoform	11.59	173	172779	156.471	ug/l	99
73) Isopropylbenzene	11.76	105	692652	181.908	ug/l	98
74) N-amyl acetate	11.63	43	256750	252.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	142627	185.892	ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	169823	214.740	ug/l	98
77) Bromobenzene	12.03	156	203617	136.888	ug/l	93
78) n-propylbenzene	12.15	91	815575	185.077	ug/l	98
79) 2-Chlorotoluene	12.20	91	497601	189.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	521251	176.957	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.83	75	47855	276.779	ug/l	92
82) 4-Chlorotoluene	12.31	91	534999	183.428	ug/l	98
83) tert-Butylbenzene	12.57	119	624006	193.420	ug/l	89
84) 1,2,4-Trimethylbenzene	12.62	105	596970	195.177	ug/l	100
85) sec-Butylbenzene	12.75	105	679795	186.659	ug/l	95
86) p-Isopropyltoluene	12.87	119	599882	180.008	ug/l	99
87) 1,3-Dichlorobenzene	12.83	146	318550	132.271	ug/l	98
88) 1,4-Dichlorobenzene	12.91	146	331799	140.590	ug/l	95
89) n-Butylbenzene	13.19	91	544654	195.583	ug/l	96
90) Hexachloroethane	13.39	117	169886	190.361	ug/l	82
91) 1,2-Dichlorobenzene	13.18	146	268936	135.025	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	34267	266.299	ug/l	74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	243294	140.588	ug/l	96
94) Hexachlorobutadiene	14.43	225	187865	147.813	ug/l	99
95) Naphthalene	14.51	128	350714	167.278	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	223985	145.428	ug/l	98

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

