

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
 Data File : VD060490.D
 Acq On : 5 Dec 2018 14:08
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 12/6/2018 10:48:58 AM

Quant Time: Dec 06 00:55:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 00:38:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1657053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2306754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1867710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	941702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	121038	10.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.46%	
35) Dibromofluoromethane	6.33	113	171287	10.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.10%	
50) Toluene-d8	9.46	98	486965	9.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.46%	
62) 4-Bromofluorobenzene	12.43	95	175865	9.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	231294	15.126	ug/l	96
3) Chloromethane	1.78	50	187264	11.794	ug/l	97
4) Vinyl Chloride	1.88	62	149573	11.561	ug/l	92
5) Bromomethane	2.17	94	39980	12.836	ug/l	99
6) Chloroethane	2.28	64	47664	11.210	ug/l	99
7) Trichlorofluoromethane	2.53	101	167092	10.935	ug/l	94
8) Diethyl Ether	2.85	74	27882	10.154	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.11	101	106667	10.756	ug/l	98
10) Methyl Iodide	3.26	142	119152	9.310	ug/l	97
11) Tert butyl alcohol	3.99	59	26151	53.941	ug/l #	90
12) 1,1-Dichloroethene	3.10	96	89335	11.066	ug/l	92
13) Acrolein	3.01	56	30576	53.990	ug/l	98
14) Allyl chloride	3.56	41	164614	10.616	ug/l	98
15) Acrylonitrile	4.10	53	139728	49.390	ug/l	96
16) Acetone	3.18	43	97596	47.631	ug/l	99
17) Carbon Disulfide	3.33	76	278803	10.635	ug/l	98
18) Methyl Acetate	3.57	43	46571	10.493	ug/l	98
19) Methyl tert-butyl Ether	4.14	73	242705	10.075	ug/l	99
20) Methylene Chloride	3.74	84	231704	12.586	ug/l	99
21) trans-1,2-Dichloroethene	4.12	96	188515	10.464	ug/l	99
22) Diisopropyl ether	4.87	45	578091	10.028	ug/l	96
23) Vinyl Acetate	4.82	43	1439471	50.000	ug/l	100
24) 1,1-Dichloroethane	4.77	63	303441	10.229	ug/l	100
25) 2-Butanone	5.63	43	180808	42.927	ug/l	95
26) 2,2-Dichloropropane	5.60	77	234743	10.228	ug/l	99
27) cis-1,2-Dichloroethene	5.61	96	186428	9.977	ug/l	91
28) Bromochloromethane	5.94	49	132875	10.152	ug/l	99
29) Tetrahydrofuran	5.96	42	107508	47.882	ug/l	99
30) Chloroform	6.12	83	304846	10.278	ug/l	96
31) Cyclohexane	6.38	56	300946	10.656	ug/l	96
32) 1,1,1-Trichloroethane	6.30	97	248245	9.966	ug/l	98
36) 1,1-Dichloropropene	6.53	75	238445	10.457	ug/l	98
37) Ethyl Acetate	5.71	43	103158	9.877	ug/l	99
38) Carbon Tetrachloride	6.51	117	210435	10.003	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	267403	10.224	ug/l	98
40) Benzene	6.81	78	617106	10.635	ug/l	99
41) Methacrylonitrile	5.93	41	61079m	5.658	ug/l	
42) 1,2-Dichloroethane	6.91	62	154335	10.222	ug/l	100
43) Isopropyl Acetate	8.35	43	121415	9.334	ug/l #	96
44) Trichloroethene	7.75	130	173924	9.880	ug/l	95
45) 1,2-Dichloropropane	8.11	63	147279	10.088	ug/l	100
46) Dibromomethane	8.22	93	86332	10.078	ug/l	93
47) Bromodichloromethane	8.50	83	196030	9.751	ug/l	97
48) Methyl methacrylate	8.25	41	69471	8.756	ug/l	99
49) 1,4-Dioxane	8.23	88	12869	185.691	ug/l #	89
51) 4-Methyl-2-Pentanone	9.35	43	378758	44.680	ug/l	98
52) Toluene	9.55	92	374836	10.124	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	160426	9.487	ug/l	98
54) cis-1,3-Dichloropropene	9.11	75	213373	9.758	ug/l	98
55) 1,1,2-Trichloroethane	10.18	97	104372	9.735	ug/l	98
56) Ethyl methacrylate	10.03	69	89044	9.095	ug/l	92
57) 1,3-Dichloropropane	10.39	76	162796	10.003	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	302110	51.286	ug/l	99
59) 2-Hexanone	10.49	43	260718	43.394	ug/l	96
60) Dibromochloromethane	10.64	129	125401	9.638	ug/l	99
61) 1,2-Dibromoethane	10.76	107	103098	9.612	ug/l	94
64) Tetrachloroethene	10.25	164	164376	9.831	ug/l	94
65) Chlorobenzene	11.31	112	402578	9.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	135347	10.257	ug/l	96
67) Ethyl Benzene	11.43	91	719200	10.382	ug/l	97
68) m/p-Xylenes	11.57	106	535132	20.994	ug/l	95
69) o-Xylene	11.93	106	243338	9.891	ug/l	90
70) Styrene	11.95	104	386616	9.674	ug/l	95
71) Bromoform	12.12	173	78126	8.782	ug/l	99
73) Isopropylbenzene	12.28	105	685519	9.957	ug/l	99
74) N-amyl acetate	12.13	43	150943	8.602	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.56	83	106458	9.554	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	107532	9.586	ug/l	94
77) Bromobenzene	12.54	156	174021	9.560	ug/l	93
78) n-propylbenzene	12.64	91	874045	10.237	ug/l	99
79) 2-Chlorotoluene	12.71	91	474243	10.091	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	523841	9.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.35	75	28406	8.889	ug/l	95
82) 4-Chlorotoluene	12.81	91	531695	10.108	ug/l	90
83) tert-Butylbenzene	13.05	119	581813	9.849	ug/l	95
84) 1,2,4-Trimethylbenzene	13.09	105	546365	10.278	ug/l	100
85) sec-Butylbenzene	13.22	105	726885	10.078	ug/l	97
86) p-Isopropyltoluene	13.34	119	577694	9.961	ug/l	98
87) 1,3-Dichlorobenzene	13.31	146	322831	9.979	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	322398	10.224	ug/l	96
89) n-Butylbenzene	13.65	91	622500	10.488	ug/l	96
90) Hexachloroethane	13.86	117	136530	9.785	ug/l	91
91) 1,2-Dichlorobenzene	13.67	146	277677	10.471	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	12544	9.354	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	200187	9.530	ug/l	96
94) Hexachlorobutadiene	14.89	225	152803	9.766	ug/l	98
95) Naphthalene	14.96	128	232430	9.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	160660	9.571	ug/l	98

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

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