

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059787.D
 Acq On : 15 Aug 2018 2:44
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD081518

Quant Time: Aug 15 17:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	275937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	371913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	307739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	162499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	179067	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
35) Dibromofluoromethane	5.54	113	166855	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.71	98	398884	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.93	95	170331	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	168391	50.08	ug/l	98
3) Chloromethane	1.48	50	103492	56.07	ug/l	95
4) Vinyl Chloride	1.55	62	109988	56.25	ug/l	97
5) Bromomethane	1.78	94	40690	65.36	ug/l	91
6) Chloroethane	1.87	64	47556	58.32	ug/l	98
7) Trichlorofluoromethane	2.08	101	155530	50.65	ug/l	95
8) Diethyl Ether	2.34	74	32991	55.85	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.55	101	90311	52.45	ug/l	97
10) Methyl Iodide	2.69	142	101042	48.21	ug/l	94
11) Tert butyl alcohol	3.25	59	36789	293.29	ug/l	100
12) 1,1-Dichloroethene	2.54	96	68172	54.76	ug/l	91
13) Acrolein	2.46	56	29510	255.68	ug/l	96
14) Allyl chloride	2.91	41	161769	51.71	ug/l	93
15) Acrylonitrile	3.35	53	120337	273.83	ug/l	96
16) Acetone	2.60	43	152521	272.60	ug/l	99
17) Carbon Disulfide	2.75	76	241347	57.85	ug/l	98
18) Methyl Acetate	2.93	43	61606	51.52	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	317977	52.33	ug/l	97
20) Methylene Chloride	3.06	84	74816	49.31	ug/l	99
21) trans-1,2-Dichloroethene	3.38	96	128713	52.47	ug/l	96
22) Diisopropyl ether	4.07	45	456792	54.12	ug/l	99
23) Vinyl Acetate	4.02	43	1330018	278.26	ug/l	100
24) 1,1-Dichloroethane	3.97	63	266759	53.28	ug/l	100
25) 2-Butanone	4.82	43	261147	304.96	ug/l	99
26) 2,2-Dichloropropane	4.79	77	228437	49.89	ug/l	99
27) cis-1,2-Dichloroethene	4.80	96	140481	52.26	ug/l	98
28) Bromochloromethane	5.14	49	110334	56.16	ug/l	95
29) Tetrahydrofuran	5.18	42	102589	280.79	ug/l	99
30) Chloroform	5.31	83	294594	49.00	ug/l	99
31) Cyclohexane	5.59	56	183300	50.90	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	269530	50.99	ug/l	99
36) 1,1-Dichloropropene	5.75	75	196637	51.53	ug/l	97
37) Ethyl Acetate	4.92	43	108969	57.10	ug/l #	95
38) Carbon Tetrachloride	5.72	117	233518	50.73	ug/l	97

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39) Methylcyclohexane	7.28	83	180408	54.66	ug/l	96
40) Benzene	6.01	78	429299	53.04	ug/l	97
41) Methacrylonitrile	5.12	41	54773	59.99	ug/l	96
42) 1,2-Dichloroethane	6.12	62	230934	52.72	ug/l	100
43) Isopropyl Acetate	7.62	43	139258	57.78	ug/l	92
44) Trichloroethene	6.98	130	145552	52.52	ug/l	97
45) 1,2-Dichloropropane	7.35	63	114669	54.51	ug/l	96
46) Dibromomethane	7.46	93	92304	53.65	ug/l	95
47) Bromodichloromethane	7.74	83	216730	51.41	ug/l	96
48) Methyl methacrylate	7.50	41	94146	59.87	ug/l	96
49) 1,4-Dioxane	7.48	88	16972	1225.48	ug/l #	89
51) 4-Methyl-2-Pentanone	8.60	43	578850	317.75	ug/l	99
52) Toluene	8.81	92	272761	52.61	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	184898	52.90	ug/l	98
54) cis-1,3-Dichloropropene	8.36	75	197968	52.41	ug/l	97
55) 1,1,2-Trichloroethane	9.46	97	100774	52.64	ug/l	96
56) Ethyl methacrylate	9.31	69	116871	56.38	ug/l	98
57) 1,3-Dichloropropane	9.66	76	159032	53.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	283436	276.64	ug/l	95
59) 2-Hexanone	9.78	43	414168	317.06	ug/l	100
60) Dibromochloromethane	9.96	129	149742	53.88	ug/l	100
61) 1,2-Dibromoethane	10.10	107	111215	52.45	ug/l	100
64) Tetrachloroethene	9.51	164	138612	52.30	ug/l	97
65) Chlorobenzene	10.72	112	311043	49.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	123529	49.18	ug/l	99
67) Ethyl Benzene	10.85	91	513446	47.85	ug/l	97
68) m/p-Xylenes	11.01	106	372506	102.42	ug/l	92
69) o-Xylene	11.40	106	176449	50.54	ug/l	93
70) Styrene	11.43	104	294375	47.55	ug/l	99
71) Bromoform	11.60	173	100814	55.21	ug/l	98
73) Isopropylbenzene	11.78	105	537432	52.23	ug/l	97
74) N-amyl acetate	11.65	43	189335	60.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	111040	53.14	ug/l	99
76) 1,2,3-Trichloropropane	12.11	75	127086	55.12	ug/l	99
77) Bromobenzene	12.04	156	157053	53.41	ug/l	89
78) n-propylbenzene	12.15	91	654711	51.01	ug/l	96
79) 2-Chlorotoluene	12.22	91	405621	52.41	ug/l	95
80) 1,3,5-Trimethylbenzene	12.32	105	441430	53.58	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.85	75	31252	57.94	ug/l	88
82) 4-Chlorotoluene	12.33	91	453706	51.65	ug/l	96
83) tert-Butylbenzene	12.57	119	491819	54.03	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	462285	52.07	ug/l	99
85) sec-Butylbenzene	12.76	105	546394	51.79	ug/l	97
86) p-Isopropyltoluene	12.89	119	456651	51.72	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	268915	51.01	ug/l	96
88) 1,4-Dichlorobenzene	12.93	146	278825	53.34	ug/l	98
89) n-Butylbenzene	13.19	91	447132	50.09	ug/l	98
90) Hexachloroethane	13.40	117	122779	55.42	ug/l	88
91) 1,2-Dichlorobenzene	13.19	146	214243	49.40	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	21789	58.45	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	195730	53.98	ug/l	96
94) Hexachlorobutadiene	14.43	225	141213	52.76	ug/l	99
95) Naphthalene	14.51	128	302033	54.41	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	170767	53.37	ug/l	96

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

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