

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080618\
 Data File : VD059686.D
 Acq On : 6 Aug 2018 11:08
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 07 03:59:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 03:58:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	271141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	223151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	122145	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	25082	8.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	17.14%	
35) Dibromofluoromethane	5.53	113	22851	9.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.26%	
50) Toluene-d8	8.70	98	52666	9.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.34%	
62) 4-Bromofluorobenzene	11.92	95	24577	9.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	29082	9.35	ug/l	95
3) Chloromethane	1.48	50	13335	9.78	ug/l	92
4) Vinyl Chloride	1.55	62	14516	8.93	ug/l #	87
5) Bromomethane	1.78	94	5979	10.51	ug/l	99
6) Chloroethane	1.87	64	6689	10.30	ug/l	97
7) Trichlorofluoromethane	2.08	101	27164	10.33	ug/l	97
8) Diethyl Ether	2.33	74	4228	8.62	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.54	101	14934	9.84	ug/l	96
10) Methyl Iodide	2.69	142	15490	8.94	ug/l #	95
11) Tert butyl alcohol	3.25	59	5280	51.35	ug/l #	76
12) 1,1-Dichloroethene	2.53	96	10389	9.26	ug/l #	81
13) Acrolein	2.45	56	4646	47.34	ug/l	89
14) Allyl chloride	2.90	41	24565	9.64	ug/l	94
15) Acrylonitrile	3.35	53	14658	49.59	ug/l	97
16) Acetone	2.60	43	25125	46.26	ug/l	100
17) Carbon Disulfide	2.74	76	35124	8.85	ug/l #	93
18) Methyl Acetate	2.92	43	8605	8.85	ug/l #	86
19) Methyl tert-butyl Ether	3.39	73	46715	10.82	ug/l	96
20) Methylene Chloride	3.05	84	28116	13.89	ug/l	92
21) trans-1,2-Dichloroethene	3.37	96	18132	11.91	ug/l #	75
22) Diisopropyl ether	4.05	45	61941	10.64	ug/l	92
23) Vinyl Acetate	3.99	43	189696	52.23	ug/l #	95
24) 1,1-Dichloroethane	3.96	63	40241	10.27	ug/l	99
25) 2-Butanone	4.81	43	30329	43.79	ug/l	99
26) 2,2-Dichloropropane	4.77	77	44083	10.36	ug/l	98
27) cis-1,2-Dichloroethene	4.78	96	22458	10.91	ug/l	94
28) Bromochloromethane	5.13	49	13556	9.33	ug/l	88
29) Tetrahydrofuran	5.17	42	13756	50.77	ug/l	94
30) Chloroform	5.30	83	48270	10.20	ug/l	99
31) Cyclohexane	5.58	56	30680	10.75	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	45242	9.76	ug/l	96
36) 1,1-Dichloropropene	5.73	75	32028	10.57	ug/l	93
37) Ethyl Acetate	4.90	43	15322	10.75	ug/l	95
38) Carbon Tetrachloride	5.71	117	42020	10.24	ug/l	98

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39) Methylcyclohexane	7.26	83	24981	9.96	ug/l	95
40) Benzene	5.99	78	61364	10.50	ug/l	97
41) Methacrylonitrile	5.10	41	5905	8.55	ug/l	93
42) 1,2-Dichloroethane	6.11	62	35138	9.77	ug/l	96
43) Isopropyl Acetate	7.61	43	18007	9.53	ug/l	96
44) Trichloroethene	6.97	130	21679	10.17	ug/l	95
45) 1,2-Dichloropropane	7.33	63	15807	10.47	ug/l #	85
46) Dibromomethane	7.45	93	13271	9.99	ug/l	98
47) Bromodichloromethane	7.72	83	35424	10.40	ug/l	97
48) Methyl methacrylate	7.49	41	12053	9.63	ug/l	94
49) 1,4-Dioxane	7.47	88	1994	204.87	ug/l	96
51) 4-Methyl-2-Pentanone	8.58	43	64962	47.23	ug/l	89
52) Toluene	8.79	92	37436	10.17	ug/l	90
53) t-1,3-Dichloropropene	9.17	75	29742	10.31	ug/l	95
54) cis-1,3-Dichloropropene	8.34	75	30506	10.48	ug/l	94
55) 1,1,2-Trichloroethane	9.43	97	15337	10.87	ug/l	91
56) Ethyl methacrylate	9.30	69	16611	10.41	ug/l	94
57) 1,3-Dichloropropane	9.65	76	24277	10.70	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.18	63	39739	52.75	ug/l	96
59) 2-Hexanone	9.77	43	47613	45.74	ug/l	94
60) Dibromochloromethane	9.95	129	22838	9.95	ug/l	98
61) 1,2-Dibromoethane	10.07	107	16708	10.05	ug/l	93
64) Tetrachloroethene	9.49	164	20691	9.96	ug/l	89
65) Chlorobenzene	10.71	112	48441	10.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	21101	10.36	ug/l	99
67) Ethyl Benzene	10.84	91	88859	10.61	ug/l	97
68) m/p-Xylenes	11.00	106	57941	21.81	ug/l	85
69) o-Xylene	11.39	106	28687	11.01	ug/l	94
70) Styrene	11.42	104	45868	10.64	ug/l	95
71) Bromoform	11.59	173	13762	8.94	ug/l	98
73) Isopropylbenzene	11.77	105	84691	10.24	ug/l	100
74) N-amyl acetate	11.64	43	24412	9.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	16379	10.18	ug/l	95
76) 1,2,3-Trichloropropane	12.10	75	19634	10.35	ug/l	98
77) Bromobenzene	12.03	156	24140	10.17	ug/l	85
78) n-propylbenzene	12.14	91	106459	10.40	ug/l	98
79) 2-Chlorotoluene	12.21	91	62520	10.14	ug/l	90
80) 1,3,5-Trimethylbenzene	12.31	105	67285	9.89	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.84	75	4427	9.35	ug/l	98
82) 4-Chlorotoluene	12.32	91	73902	10.25	ug/l	90
83) tert-Butylbenzene	12.56	119	79470	10.34	ug/l	100
84) 1,2,4-Trimethylbenzene	12.61	105	74887	10.39	ug/l	99
85) sec-Butylbenzene	12.75	105	89489	10.55	ug/l	92
86) p-Isopropyltoluene	12.88	119	75436	10.27	ug/l	94
87) 1,3-Dichlorobenzene	12.83	146	42867	10.31	ug/l	97
88) 1,4-Dichlorobenzene	12.92	146	45233	10.83	ug/l	97
89) n-Butylbenzene	13.18	91	73652	10.16	ug/l	97
90) Hexachloroethane	13.39	117	19176	10.00	ug/l	79
91) 1,2-Dichlorobenzene	13.18	146	34313	10.01	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	2840	8.05	ug/l	81

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93) 1,2,4-Trichlorobenzene	14.33	180	31572	10.25	ug/l	93
94) Hexachlorobutadiene	14.43	225	24050	10.00	ug/l	97
95) Naphthalene	14.51	128	45577	9.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	28352	10.30	ug/l	97

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

