

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081018\
 Data File : VD059732.D
 Acq On : 10 Aug 2018 16:44
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 11 05:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 04:59:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	157587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	182938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	152845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	84224	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	12355	5.91	ug/l	0.01
Spiked Amount			Recovery	=	11.82%	
35) Dibromofluoromethane	5.54	113	9049	5.40	ug/l	0.00
Spiked Amount			Recovery	=	10.80%	
50) Toluene-d8	8.70	98	19487	5.42	ug/l	0.00
Spiked Amount			Recovery	=	10.84%	
62) 4-Bromofluorobenzene	11.93	95	9689	5.71	ug/l	0.00
Spiked Amount			Recovery	=	11.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	11781	5.35	ug/l	92
3) Chloromethane	1.47	50	4114	4.28	ug/l	93
4) Vinyl Chloride	1.55	62	4763	4.23	ug/l	89
5) Bromomethane	1.78	94	2759	7.23	ug/l	95
6) Chloroethane	1.87	64	2534	5.28	ug/l #	87
7) Trichlorofluoromethane	2.07	101	11663	6.04	ug/l	85
8) Diethyl Ether	2.33	74	1637	4.69	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	2.54	101	5786	5.40	ug/l #	90
10) Methyl Iodide	2.68	142	4712	3.81	ug/l	98
11) Tert butyl alcohol	3.24	59	2383	32.06	ug/l #	75
12) 1,1-Dichloroethene	2.53	96	4306	5.57	ug/l	95
13) Acrolein	2.45	56	1246	19.18	ug/l	94
14) Allyl chloride	2.90	41	9072	5.08	ug/l	90
15) Acrylonitrile	3.35	53	4386	21.23	ug/l	91
16) Acetone	2.60	43	8957	23.19	ug/l #	89
17) Carbon Disulfide	2.75	76	13298	4.76	ug/l	97
18) Methyl Acetate	2.92	43	5482	7.61	ug/l #	80
19) Methyl tert-butyl Ether	3.39	73	17194	5.72	ug/l #	88
20) Methylene Chloride	3.05	84	7205	4.85	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	5343	5.26	ug/l	81
22) Diisopropyl ether	4.06	45	18081	4.44	ug/l	86
23) Vinyl Acetate	4.01	43	57600	21.98	ug/l	99
24) 1,1-Dichloroethane	3.96	63	14042	5.17	ug/l #	91
25) 2-Butanone	4.83	43	10120	20.76	ug/l	98
26) 2,2-Dichloropropane	4.78	77	15600	5.30	ug/l	90
27) cis-1,2-Dichloroethene	4.79	96	6831	4.77	ug/l	71
28) Bromochloromethane	5.14	49	5156	5.05	ug/l	89
29) Tetrahydrofuran	5.17	42	3732	19.66	ug/l	96
30) Chloroform	5.31	83	17362	5.14	ug/l	100
31) Cyclohexane	5.58	56	7469	3.77	ug/l #	84
32) 1,1,1-Trichloroethane	5.50	97	17762	5.37	ug/l	96
36) 1,1-Dichloropropene	5.73	75	10555	5.18	ug/l	92
37) Ethyl Acetate	4.92	43	4601	4.65	ug/l #	77
38) Carbon Tetrachloride	5.72	117	16886	6.00	ug/l	90

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Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 11 05:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	7718	4.59	ug/l	100
40) Benzene	6.00	78	19311	4.97	ug/l	93
41) Methacrylonitrile	5.11	41	1820	4.04	ug/l #	84
42) 1,2-Dichloroethane	6.12	62	14144	5.60	ug/l	96
43) Isopropyl Acetate	7.61	43	5407	4.24	ug/l	98
44) Trichloroethene	6.97	130	7331	5.05	ug/l	95
45) 1,2-Dichloropropane	7.34	63	4262	4.16	ug/l	99
46) Dibromomethane	7.46	93	4871	5.31	ug/l #	83
47) Bromodichloromethane	7.73	83	12297	5.22	ug/l #	78
48) Methyl methacrylate	7.50	41	3746	4.36	ug/l	93
51) 4-Methyl-2-Pentanone	8.59	43	19578	20.80	ug/l #	81
52) Toluene	8.80	92	12512	5.03	ug/l	99
53) t-1,3-Dichloropropene	9.18	75	10316	5.24	ug/l	95
54) cis-1,3-Dichloropropene	8.35	75	9860	4.94	ug/l	89
55) 1,1,2-Trichloroethane	9.45	97	4992	5.16	ug/l #	87
56) Ethyl methacrylate	9.31	69	4679	4.43	ug/l	93
57) 1,3-Dichloropropane	9.65	76	7663	5.09	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.19	63	12092	23.77	ug/l #	86
59) 2-Hexanone	9.78	43	15105	21.35	ug/l	79
60) Dibromochloromethane	9.95	129	8061	5.12	ug/l	96
61) 1,2-Dibromoethane	10.09	107	5574	4.99	ug/l	96
64) Tetrachloroethene	9.51	164	7815	5.38	ug/l	90
65) Chlorobenzene	10.72	112	15740	4.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.84	131	7357	5.07	ug/l	88
67) Ethyl Benzene	10.85	91	28749	4.94	ug/l	99
68) m/p-Xylenes	11.01	106	19932	10.81	ug/l	100
69) o-Xylene	11.40	106	9409	5.22	ug/l	92
70) Stvrene	11.42	104	14679	4.87	ug/l	95
71) Bromoform	11.60	173	5042	4.61	ug/l	95
73) Isopropylbenzene	11.77	105	29542	5.29	ug/l	97
74) N-amyl acetate	11.64	43	7861	4.46	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	5900	5.30	ug/l	97
76) 1,2,3-Trichloropropane	12.10	75	6330	4.89	ug/l	98
77) Bromobenzene	12.03	156	8558	5.24	ug/l	90
78) n-propylbenzene	12.15	91	36079	5.22	ug/l	96
79) 2-Chlorotoluene	12.21	91	22900	5.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.32	105	26122	5.59	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.84	75	1425	4.67	ug/l	88
82) 4-Chlorotoluene	12.32	91	26964	5.48	ug/l	100
83) tert-Butylbenzene	12.57	119	27909	5.37	ug/l	92
84) 1,2,4-Trimethylbenzene	12.62	105	25733	5.18	ug/l	98
85) sec-Butylbenzene	12.75	105	29221	5.05	ug/l	94
86) p-Isopropyltoluene	12.88	119	25911	5.25	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	14316	5.06	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	14916	5.33	ug/l	93
89) n-Butylbenzene	13.19	91	27357	5.50	ug/l	94
90) Hexachloroethane	13.40	117	5942	4.61	ug/l	99
91) 1,2-Dichlorobenzene	13.19	146	12906	5.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.76	75	953	4.03	ug/l #	41
93) 1,2,4-Trichlorobenzene	14.34	180	11751	5.43	ug/l	92

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.43	225	10307	6.11	ug/l	99
95) Naphthalene	14.51	128	15877	5.04	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.66	180	10123	5.43	ug/l	92

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

