

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082218\
 Data File : VD059871.D
 Acq On : 22 Aug 2018 12:15
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 8/23/2018 10:52:29 AM

Quant Time: Aug 23 01:23:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 15:28:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1355554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1929237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1602161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	790205	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	62101	5.77	ug/l	0.00
Spiked Amount			Recovery	=	11.54%	
35) Dibromofluoromethane	6.34	113	78958	5.47	ug/l	0.00
Spiked Amount			Recovery	=	10.94%	
50) Toluene-d8	9.47	98	219678	5.62	ug/l	0.00
Spiked Amount			Recovery	=	11.24%	
62) 4-Bromofluorobenzene	12.44	95	92136	5.96	ug/l	0.00
Spiked Amount			Recovery	=	11.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	74936	6.39	ug/l	94
3) Chloromethane	1.76	50	63212	6.02	ug/l	97
4) Vinyl Chloride	1.85	62	47792	5.78	ug/l	99
5) Bromomethane	2.14	94	8656	8.63	ug/l	87
6) Chloroethane	2.25	64	14444	6.94	ug/l	93
7) Trichlorofluoromethane	2.51	101	56402	6.35	ug/l	96
8) Diethyl Ether	2.82	74	12380	6.12	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.09	101	33580	5.95	ug/l	95
10) Methyl Iodide	3.25	142	22044	4.07	ug/l	97
11) Tert butyl alcohol	3.97	59	21618	30.78	ug/l #	24
12) 1,1-Dichloroethene	3.08	96	26509	6.24	ug/l	92
13) Acrolein	2.98	56	10030	28.08	ug/l #	62
14) Allyl chloride	3.54	41	56342	5.40	ug/l	96
15) Acrylonitrile	4.08	53	79808	28.78	ug/l	99
16) Acetone	3.16	43	48626	25.65	ug/l	95
17) Carbon Disulfide	3.32	76	85017	6.19	ug/l	98
18) Methyl Acetate	3.56	43	27193	6.51	ug/l #	93
19) Methyl tert-butyl Ether	4.12	73	135209	5.29	ug/l	94
20) Methylene Chloride	3.72	84	120475	9.09	ug/l	99
21) trans-1,2-Dichloroethene	4.10	96	72702	6.15	ug/l	94
22) Diisopropyl ether	4.86	45	282183	5.30	ug/l	98
23) Vinyl Acetate	4.81	43	727313	24.85	ug/l	99
24) 1,1-Dichloroethane	4.76	63	123866	5.33	ug/l	99
25) 2-Butanone	5.64	43	141099	24.89	ug/l	99
26) 2,2-Dichloropropane	5.60	77	122369	6.54	ug/l	94
27) cis-1,2-Dichloroethene	5.61	96	76208	5.50	ug/l	98
28) Bromochloromethane	5.93	49	61381	5.46	ug/l	97
29) Tetrahydrofuran	5.96	42	72136	25.25	ug/l #	93
30) Chloroform	6.11	83	127109	5.38	ug/l	95
31) Cyclohexane	6.38	56	133257	6.28	ug/l	97
32) 1,1,1-Trichloroethane	6.30	97	108900	5.46	ug/l	97
36) 1,1-Dichloropropene	6.53	75	94949	5.73	ug/l	98
37) Ethyl Acetate	5.71	43	71510	5.44	ug/l	99
38) Carbon Tetrachloride	6.51	117	97763	5.80	ug/l	96

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39) Methylcyclohexane	8.05	83	97542	5.29	ug/l	97
40) Benzene	6.81	78	233356	5.37	ug/l	99
41) Methacrylonitrile	5.93	41	34548m	3.21	ug/l	
42) 1,2-Dichloroethane	6.91	62	70683	4.95	ug/l	95
43) Isopropyl Acetate	8.35	43	79655	4.60	ug/l #	99
44) Trichloroethene	7.75	130	67821	5.28	ug/l	95
45) 1,2-Dichloropropane	8.12	63	63357	5.06	ug/l	98
46) Dibromomethane	8.23	93	39308	4.94	ug/l	97
47) Bromodichloromethane	8.50	83	91167	5.11	ug/l	99
48) Methyl methacrylate	8.26	41	51083	5.22	ug/l	98
49) 1,4-Dioxane	8.25	88	8037	91.66	ug/l #	42
51) 4-Methyl-2-Pentanone	9.36	43	277443	23.43	ug/l	98
52) Toluene	9.56	92	147905	5.36	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	81494	4.95	ug/l #	85
54) cis-1,3-Dichloropropene	9.11	75	96241	4.99	ug/l	96
55) 1,1,2-Trichloroethane	10.19	97	62862	6.18	ug/l #	83
56) Ethyl methacrylate	10.05	69	57654	4.82	ug/l	100
57) 1,3-Dichloropropane	10.39	76	73490	4.96	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.93	63	148474	26.90	ug/l	96
59) 2-Hexanone	10.50	43	201822	23.32	ug/l	98
60) Dibromochloromethane	10.65	129	63457	4.87	ug/l	100
61) 1,2-Dibromoethane	10.76	107	50037	4.73	ug/l	95
64) Tetrachloroethene	10.26	164	65394	5.45	ug/l	95
65) Chlorobenzene	11.33	112	161487	5.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.42	131	58934	5.37	ug/l	96
67) Ethyl Benzene	11.43	91	283908	5.70	ug/l	99
68) m/p-Xylenes	11.57	106	212286	11.82	ug/l	91
69) o-Xylene	11.95	106	100547	5.70	ug/l	98
70) Styrene	11.97	104	167883	5.45	ug/l	98
71) Bromoform	12.12	173	46175	4.72	ug/l	99
73) Isopropylbenzene	12.28	105	269071	5.29	ug/l	100
74) N-amyl acetate	12.14	43	112550	4.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	62030	5.13	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	62691	4.98	ug/l	100
77) Bromobenzene	12.55	156	72618	5.11	ug/l	97
78) n-propylbenzene	12.64	91	358753	5.68	ug/l	99
79) 2-Chlorotoluene	12.71	91	193350	5.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	218401	5.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.35	75	18528	4.71	ug/l	96
82) 4-Chlorotoluene	12.81	91	232498	6.11	ug/l	84
83) tert-Butylbenzene	13.06	119	236783	5.38	ug/l	100
84) 1,2,4-Trimethylbenzene	13.10	105	229351	5.51	ug/l	99
85) sec-Butylbenzene	13.22	105	292431	5.49	ug/l	99
86) p-Isopropyltoluene	13.35	119	240854	5.60	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	133279	5.37	ug/l	98
88) 1,4-Dichlorobenzene	13.40	146	134586	5.50	ug/l	97
89) n-Butylbenzene	13.66	91	254778	6.14	ug/l	97
90) Hexachloroethane	13.86	117	60267	5.05	ug/l	95
91) 1,2-Dichlorobenzene	13.67	146	116044	5.89	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9091	4.88	ug/l	89

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93) 1,2,4-Trichlorobenzene	14.79	180	93652	5.34	ug/l	97
94) Hexachlorobutadiene	14.89	225	58218	4.90	ug/l	99
95) Naphthalene	14.98	128	134803	4.72	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	76382	4.96	ug/l	97

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

