

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082218\
 Data File : VD059875.D
 Acq On : 22 Aug 2018 14:37
 Operator : JC/SY
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/23/2018 10:52:46 AM

Quant Time: Aug 23 01:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 01:14:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1181385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1642903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1359501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	727637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	663738	69.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.82%	
35) Dibromofluoromethane	6.33	113	878236	69.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.94%	
50) Toluene-d8	9.47	98	2363611	68.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.88%	
62) 4-Bromofluorobenzene	12.43	95	965425	69.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	726889	70.56	ug/l	100
3) Chloromethane	1.75	50	660673	69.46	ug/l	98
4) Vinyl Chloride	1.84	62	546867	73.16	ug/l	98
5) Bromomethane	2.14	94	67614	76.97	ug/l	91
6) Chloroethane	2.24	64	156063	82.22	ug/l	99
7) Trichlorofluoromethane	2.50	101	608803	75.10	ug/l	98
8) Diethyl Ether	2.82	74	135629	73.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.08	101	372193	72.15	ug/l	97
10) Methyl Iodide	3.24	142	430783	88.35	ug/l	96
11) Tert butyl alcohol	3.98	59	256603	331.65	ug/l	100
12) 1,1-Dichloroethene	3.07	96	290257	73.90	ug/l	96
13) Acrolein	2.98	56	121082	394.55	ug/l	99
14) Allyl chloride	3.53	41	659932	71.35	ug/l	97
15) Acrylonitrile	4.08	53	967980	342.83	ug/l	100
16) Acetone	3.16	43	627411	364.49	ug/l	99
17) Carbon Disulfide	3.31	76	932004	76.30	ug/l	100
18) Methyl Acetate	3.55	43	245423	64.65	ug/l	99
19) Methyl tert-butyl Ether	4.12	73	1595431	67.87	ug/l	98
20) Methylene Chloride	3.72	84	856897	60.67	ug/l	98
21) trans-1,2-Dichloroethene	4.09	96	807987	72.64	ug/l	98
22) Diisopropyl ether	4.86	45	3354380	71.27	ug/l	98
23) Vinyl Acetate	4.81	43	9226792	351.79	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1485856	73.21	ug/l	100
25) 2-Butanone	5.63	43	1893015	368.24	ug/l	98
26) 2,2-Dichloropropane	5.59	77	1128100	68.04	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	883596	71.56	ug/l	98
28) Bromochloromethane	5.93	49	687101	70.48	ug/l	93
29) Tetrahydrofuran	5.96	42	872512	340.14	ug/l	99
30) Chloroform	6.11	83	1501049	72.44	ug/l	98
31) Cyclohexane	6.38	56	1262153	68.08	ug/l	98
32) 1,1,1-Trichloroethane	6.30	97	1235149	70.28	ug/l	100
36) 1,1-Dichloropropene	6.53	75	1074577	73.75	ug/l	100
37) Ethyl Acetate	5.71	43	748958	64.06	ug/l	99
38) Carbon Tetrachloride	6.51	117	1064634	72.09	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	1172707	72.92	ug/l	99
40) Benzene	6.80	78	2808922	73.56	ug/l	100
41) Methacrylonitrile	5.93	41	445313m	42.44	ug/l	
42) 1,2-Dichloroethane	6.90	62	890342	71.49	ug/l	99
43) Isopropyl Acetate	8.36	43	1053714	68.59	ug/l	99
44) Trichloroethene	7.75	130	837847	74.70	ug/l	94
45) 1,2-Dichloropropane	8.11	63	766580	70.91	ug/l	97
46) Dibromomethane	8.23	93	501545	72.39	ug/l	95
47) Bromodichloromethane	8.50	83	1103473	70.46	ug/l	100
48) Methyl methacrylate	8.26	41	620085	71.70	ug/l	98
49) 1,4-Dioxane	8.25	88	110734	1404.16	ug/l	96
51) 4-Methyl-2-Pentanone	9.36	43	3996081	374.24	ug/l	99
52) Toluene	9.57	92	1791230	72.91	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	1040980	71.62	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	1210707	71.57	ug/l	98
55) 1,1,2-Trichloroethane	10.20	97	579060	64.70	ug/l	99
56) Ethyl methacrylate	10.04	69	726327	68.22	ug/l	98
57) 1,3-Dichloropropane	10.39	76	921241	70.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.94	63	1765038	347.88	ug/l	95
59) 2-Hexanone	10.50	43	2932758	378.75	ug/l	99
60) Dibromochloromethane	10.65	129	812033	71.25	ug/l	99
61) 1,2-Dibromoethane	10.77	107	653613	70.82	ug/l	99
64) Tetrachloroethene	10.26	164	747068	71.91	ug/l	98
65) Chlorobenzene	11.32	112	1895272	71.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	692735	71.77	ug/l	99
67) Ethyl Benzene	11.44	91	3169743	72.74	ug/l	98
68) m/p-Xylenes	11.57	106	2283747	145.20	ug/l	98
69) o-Xylene	11.94	106	1159106	75.07	ug/l	97
70) Styrene	11.97	104	1997305	74.47	ug/l	100
71) Bromoform	12.12	173	615897	71.90	ug/l	99
73) Isopropylbenzene	12.28	105	3234273	70.49	ug/l	99
74) N-amyl acetate	12.14	43	1338074	65.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	717242	68.00	ug/l	98
76) 1,2,3-Trichloropropane	12.61	75	764222	67.29	ug/l	100
77) Bromobenzene	12.55	156	884916	69.46	ug/l	90
78) n-propylbenzene	12.65	91	3894288	68.30	ug/l	97
79) 2-Chlorotoluene	12.71	91	2262561	69.64	ug/l	95
80) 1,3,5-Trimethylbenzene	12.80	105	2480831	69.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	240708	68.84	ug/l	97
82) 4-Chlorotoluene	12.81	91	2488570	68.62	ug/l	94
83) tert-Butylbenzene	13.05	119	2893450	69.80	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	2638934	70.24	ug/l	99
85) sec-Butylbenzene	13.23	105	3373410	69.46	ug/l	98
86) p-Isopropyltoluene	13.34	119	2755984	70.15	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	1560454	69.01	ug/l	96
88) 1,4-Dichlorobenzene	13.39	146	1551113	68.78	ug/l	96
89) n-Butylbenzene	13.65	91	2521386	65.32	ug/l	98
90) Hexachloroethane	13.87	117	737026	68.89	ug/l	83
91) 1,2-Dichlorobenzene	13.67	146	1233458	65.44	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	109085	65.56	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1151325	71.14	ug/l	98
94) Hexachlorobutadiene	14.89	225	771855	71.90	ug/l	99
95) Naphthalene	14.97	128	1738662	67.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	988455	69.64	ug/l	98

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

