

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100318\
 Data File : VD060120.D
 Acq On : 3 Oct 2018 16:12
 Operator : VA/AP
 Sample : VD1003SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBS01

Manual Integrations
 APPROVED

apatel
 10/4/2018 4:44:59 PM

Quant Time: Oct 04 04:53:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1388492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	1970469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1604947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	888528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	594041	56.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.88%	
35) Dibromofluoromethane	6.30	113	770661	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	9.44	98	2152854	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.43	95	837192	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	244045	18.685	ug/l	99
3) Chloromethane	1.75	50	250381	21.259	ug/l	98
4) Vinyl Chloride	1.84	62	185415	19.237	ug/l	97
5) Bromomethane	2.12	94	20857	17.234	ug/l	97
6) Chloroethane	2.23	64	43652	16.596	ug/l	98
7) Trichlorofluoromethane	2.49	101	211710	18.345	ug/l	99
8) Diethyl Ether	2.81	74	50918	21.456	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.07	101	146272	20.345	ug/l	100
10) Methyl Iodide	3.22	142	121174	15.893	ug/l	96
11) Tert butyl alcohol	3.96	59	91169	120.780	ug/l	98
12) 1,1-Dichloroethene	3.05	96	116271	20.528	ug/l	94
13) Acrolein	2.97	56	52332	112.465	ug/l	92
14) Allyl chloride	3.51	41	243060	20.662	ug/l	98
15) Acrylonitrile	4.07	53	378229	121.058	ug/l	98
16) Acetone	3.15	43	259335	135.792	ug/l	97
17) Carbon Disulfide	3.29	76	378608	19.878	ug/l	98
18) Methyl Acetate	3.54	43	88741	21.619	ug/l	100
19) Methyl tert-butyl Ether	4.11	73	565998	22.728	ug/l	100
20) Methylene Chloride	3.70	84	471111	29.583	ug/l	97
21) trans-1,2-Dichloroethene	4.08	96	302181	20.657	ug/l	98
22) Diisopropyl ether	4.84	45	1170872	22.287	ug/l	95
23) Vinyl Acetate	4.79	43	3611535	122.298	ug/l	100
24) 1,1-Dichloroethane	4.73	63	496775	20.855	ug/l	100
25) 2-Butanone	5.61	43	664815	139.341	ug/l	98
26) 2,2-Dichloropropane	5.57	77	393937	21.815	ug/l	98
27) cis-1,2-Dichloroethene	5.58	96	323873	20.897	ug/l	92
28) Bromochloromethane	5.91	49	254762	22.009	ug/l	94
29) Tetrahydrofuran	5.94	42	340778	122.966	ug/l	99
30) Chloroform	6.09	83	517952	21.496	ug/l	97
31) Cyclohexane	6.34	56	431009	18.902	ug/l	98
32) 1,1,1-Trichloroethane	6.27	97	408251	20.681	ug/l	98
36) 1,1-Dichloropropene	6.50	75	380328	20.198	ug/l	98
37) Ethyl Acetate	5.68	43	280642	22.454	ug/l	99
38) Carbon Tetrachloride	6.48	117	345623	20.224	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	422909	19.767	ug/l	97
40) Benzene	6.78	78	1002293	20.347	ug/l	99
41) Methacrylonitrile	5.92	41	164726m	23.318	ug/l	
42) 1,2-Dichloroethane	6.87	62	306612	21.710	ug/l	100
43) Isopropyl Acetate	8.34	43	376956	22.925	ug/l	98
44) Trichloroethene	7.73	130	302636	19.846	ug/l	94
45) 1,2-Dichloropropane	8.09	63	265575	20.589	ug/l	97
46) Dibromomethane	8.20	93	182731	21.882	ug/l	97
47) Bromodichloromethane	8.48	83	382326	21.487	ug/l	99
48) Methyl methacrylate	8.23	41	215914	23.053	ug/l	99
49) 1,4-Dioxane	8.21	88	44744	485.528	ug/l	96
51) 4-Methyl-2-Pentanone	9.33	43	1220022	117.637	ug/l	98
52) Toluene	9.54	92	656964	20.708	ug/l	99
53) t-1,3-Dichloropropene	9.91	75	353118	21.933	ug/l	97
54) cis-1,3-Dichloropropene	9.09	75	426573	21.456	ug/l	99
55) 1,1,2-Trichloroethane	10.17	97	230911	22.264	ug/l	98
56) Ethyl methacrylate	10.02	69	255263	22.296	ug/l	95
57) 1,3-Dichloropropane	10.38	76	343603	21.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.91	63	740734	116.511	ug/l	96
59) 2-Hexanone	10.48	43	952385	127.706	ug/l	99
60) Dibromochloromethane	10.63	129	274082	21.538	ug/l	100
61) 1,2-Dibromoethane	10.75	107	238184	21.614	ug/l	99
64) Tetrachloroethene	10.24	164	278501	19.812	ug/l	97
65) Chlorobenzene	11.30	112	728843	20.991	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	255928	22.095	ug/l	99
67) Ethyl Benzene	11.42	91	1224519	21.768	ug/l	98
68) m/p-Xylenes	11.56	106	902790	42.952	ug/l	99
69) o-Xylene	11.93	106	439933	21.161	ug/l	100
70) Styrene	11.95	104	745470	21.442	ug/l	99
71) Bromoform	12.11	173	197235	21.029	ug/l	97
73) Isopropylbenzene	12.27	105	1188111	20.269	ug/l	98
74) N-amyl acetate	12.13	43	467562	21.776	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	278992	21.801	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	283474	22.154	ug/l	100
77) Bromobenzene	12.53	156	337273	19.800	ug/l	98
78) n-propylbenzene	12.63	91	1467122	20.157	ug/l	100
79) 2-Chlorotoluene	12.70	91	821845	20.344	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	947106	20.876	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.34	75	76412	21.252	ug/l	97
82) 4-Chlorotoluene	12.81	91	972007	21.273	ug/l	100
83) tert-Butylbenzene	13.04	119	1049933	20.167	ug/l	95
84) 1,2,4-Trimethylbenzene	13.08	105	963662	20.154	ug/l	93
85) sec-Butylbenzene	13.22	105	1236457	20.087	ug/l	97
86) p-Isopropyltoluene	13.34	119	1022786	20.258	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	604151	20.357	ug/l	97
88) 1,4-Dichlorobenzene	13.39	146	615876	20.660	ug/l	98
89) n-Butylbenzene	13.65	91	1041631	21.144	ug/l	98
90) Hexachloroethane	13.85	117	219524	18.787	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	538936	21.597	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	36489	21.355	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	433179	20.452	ug/l	99
94) Hexachlorobutadiene	14.88	225	270492	19.213	ug/l	99
95) Naphthalene	14.96	128	661585	21.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	379651	20.605	ug/l	98

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

