

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100318\
 Data File : VD060117.D
 Acq On : 3 Oct 2018 14:41
 Operator : VA/AP
 Sample : VD1003SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1003SBS01

Manual Integrations
 APPROVED

apatel
 10/4/2018 4:44:55 PM

Quant Time: Oct 04 04:46:25 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	1652034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2255881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1824956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	985066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	638881	51.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	6.32	113	859362	50.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	9.44	98	2426364	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.43	95	901445	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	279112	17.961	ug/l	98
3) Chloromethane	1.75	50	292329	20.861	ug/l	98
4) Vinyl Chloride	1.84	62	231539	20.190	ug/l	100
5) Bromomethane	2.12	94	20152	13.995	ug/l	97
6) Chloroethane	2.23	64	49961	15.965	ug/l	98
7) Trichlorofluoromethane	2.49	101	253205	18.440	ug/l	100
8) Diethyl Ether	2.81	74	60261	21.342	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.07	101	173567	20.290	ug/l	97
10) Methyl Iodide	3.23	142	148879	16.411	ug/l	97
11) Tert butyl alcohol	3.97	59	91029	101.356	ug/l	96
12) 1,1-Dichloroethene	3.05	96	137692	20.432	ug/l	95
13) Acrolein	2.97	56	55824	100.832	ug/l	98
14) Allyl chloride	3.51	41	277342	19.815	ug/l	99
15) Acrylonitrile	4.07	53	388037	104.385	ug/l	99
16) Acetone	3.15	43	249448	109.779	ug/l	96
17) Carbon Disulfide	3.29	76	448141	19.775	ug/l	99
18) Methyl Acetate	3.54	43	91054	18.644	ug/l	99
19) Methyl tert-butyl Ether	4.11	73	619299	20.901	ug/l	97
20) Methylene Chloride	3.70	84	627428	33.676	ug/l	97
21) trans-1,2-Dichloroethene	4.08	96	348513	20.024	ug/l	99
22) Diisopropyl ether	4.84	45	1304860	20.875	ug/l	93
23) Vinyl Acetate	4.79	43	3788986	107.839	ug/l	100
24) 1,1-Dichloroethane	4.74	63	572472	20.199	ug/l	99
25) 2-Butanone	5.61	43	632770	111.467	ug/l	96
26) 2,2-Dichloropropane	5.57	77	435262	20.259	ug/l	99
27) cis-1,2-Dichloroethene	5.58	96	374042	20.284	ug/l	95
28) Bromochloromethane	5.91	49	281562	20.444	ug/l	97
29) Tetrahydrofuran	5.94	42	351167	106.501	ug/l	98
30) Chloroform	6.09	83	591562	20.634	ug/l	99
31) Cyclohexane	6.35	56	542922	20.012	ug/l	100
32) 1,1,1-Trichloroethane	6.28	97	473613	20.164	ug/l	96
36) 1,1-Dichloropropene	6.51	75	434823	20.171	ug/l	98
37) Ethyl Acetate	5.69	43	303564	21.215	ug/l	99
38) Carbon Tetrachloride	6.48	117	400876	20.489	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	506544	20.681	ug/l	98
40) Benzene	6.78	78	1182035	20.959	ug/l	99
41) Methacrylonitrile	5.91	41	152581m	18.866	ug/l	
42) 1,2-Dichloroethane	6.89	62	336835	20.832	ug/l	99
43) Isopropyl Acetate	8.34	43	396478	21.062	ug/l #	97
44) Trichloroethene	7.73	130	356983	20.448	ug/l	99
45) 1,2-Dichloropropane	8.10	63	309248	20.942	ug/l	100
46) Dibromomethane	8.20	93	199219	20.838	ug/l	94
47) Bromodichloromethane	8.48	83	429573	21.088	ug/l	98
48) Methyl methacrylate	8.23	41	228383	21.299	ug/l	98
49) 1,4-Dioxane	8.22	88	44125	418.232	ug/l	99
51) 4-Methyl-2-Pentanone	9.34	43	1314095	110.677	ug/l	97
52) Toluene	9.54	92	752697	20.723	ug/l	99
53) t-1,3-Dichloropropene	9.92	75	389999	21.159	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	481575	21.158	ug/l	99
55) 1,1,2-Trichloroethane	10.17	97	248452	20.924	ug/l	98
56) Ethyl methacrylate	10.03	69	280750	21.420	ug/l	99
57) 1,3-Dichloropropane	10.38	76	377253	20.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.91	63	809849	111.266	ug/l	96
59) 2-Hexanone	10.49	43	964399	112.956	ug/l	99
60) Dibromochloromethane	10.64	129	309929	21.274	ug/l	98
61) 1,2-Dibromoethane	10.75	107	264826	20.991	ug/l	96
64) Tetrachloroethene	10.24	164	324236	20.285	ug/l	99
65) Chlorobenzene	11.31	112	818963	20.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	285331	21.664	ug/l	99
67) Ethyl Benzene	11.42	91	1437674	22.476	ug/l	99
68) m/p-Xylenes	11.56	106	1025976	42.928	ug/l	98
69) o-Xylene	11.93	106	499493	21.129	ug/l	95
70) Styrene	11.95	104	842367	21.308	ug/l	99
71) Bromoform	12.11	173	220441	20.669	ug/l	99
73) Isopropylbenzene	12.27	105	1320594	20.321	ug/l	97
74) N-amyl acetate	12.13	43	510363	21.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	288299	20.321	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	293064	20.658	ug/l	99
77) Bromobenzene	12.53	156	382785	20.270	ug/l	99
78) n-propylbenzene	12.63	91	1680106	20.821	ug/l	100
79) 2-Chlorotoluene	12.70	91	929697	20.759	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	1100994	21.890	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	81308	20.398	ug/l	97
82) 4-Chlorotoluene	12.81	91	1113964	21.991	ug/l	99
83) tert-Butylbenzene	13.05	119	1192126	20.654	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	1073363	20.249	ug/l	99
85) sec-Butylbenzene	13.22	105	1451970	21.276	ug/l	99
86) p-Isopropyltoluene	13.34	119	1151275	20.568	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	686935	20.878	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	672083	20.336	ug/l	98
89) n-Butylbenzene	13.65	91	1189689	21.782	ug/l	98
90) Hexachloroethane	13.85	117	269698	20.819	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	589454	21.307	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.23	75	39392	20.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	488969	20.823	ug/l	98
94) Hexachlorobutadiene	14.88	225	333803	21.386	ug/l	97
95) Naphthalene	14.97	128	712669	20.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	417627	20.445	ug/l	98

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

