

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059883.D
 Acq On : 23 Aug 2018 12:49
 Operator : JC/SY
 Sample : VD0823SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 3:09:02 PM

Quant Time: Aug 23 14:51:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1180372	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1616761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1337444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	704708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	509194	51.18	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.36%	
35) Dibromofluoromethane	6.31	113	655913	51.75	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	103.50%	
50) Toluene-d8	9.45	98	1839335	52.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.42	95	731910	51.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	198627	18.82	ug/l	98
3) Chloromethane	1.75	50	188062	19.67	ug/l	98
4) Vinyl Chloride	1.84	62	149156	19.90	ug/l	98
5) Bromomethane	2.12	94	13091	10.12	ug/l	89
6) Chloroethane	2.23	64	34583	12.68	ug/l	95
7) Trichlorofluoromethane	2.49	101	166942	19.25	ug/l	97
8) Diethyl Ether	2.81	74	35460	18.23	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.08	101	118191	22.26	ug/l	98
10) Methyl Iodide	3.22	142	89022	18.11	ug/l	97
11) Tert butyl alcohol	3.96	59	76561	100.86	ug/l	97
12) 1,1-Dichloroethene	3.06	96	88746	21.47	ug/l	95
13) Acrolein	2.97	56	26252	79.73	ug/l	96
14) Allyl chloride	3.52	41	192461	20.58	ug/l	97
15) Acrylonitrile	4.07	53	287164	101.02	ug/l	99
16) Acetone	3.14	43	169531	93.53	ug/l	98
17) Carbon Disulfide	3.29	76	219880	17.14	ug/l	99
18) Methyl Acetate	3.54	43	65084	17.20	ug/l	99
19) Methyl tert-butyl Ether	4.11	73	457031	19.54	ug/l	98
20) Methylene Chloride	3.70	84	265551	19.69	ug/l	94
21) trans-1,2-Dichloroethene	4.08	96	213621	18.76	ug/l	99
22) Diisopropyl ether	4.84	45	985325	20.66	ug/l	97
23) Vinyl Acetate	4.79	43	2808519	105.34	ug/l	100
24) 1,1-Dichloroethane	4.74	63	413322	20.06	ug/l	99
25) 2-Butanone	5.61	43	465267	86.67	ug/l	100
26) 2,2-Dichloropropane	5.58	77	351916	20.43	ug/l	97
27) cis-1,2-Dichloroethene	5.58	96	251979	20.21	ug/l	97
28) Bromochloromethane	5.91	49	207827	21.05	ug/l	95
29) Tetrahydrofuran	5.94	42	255369	99.92	ug/l	99
30) Chloroform	6.09	83	436660	20.85	ug/l	96
31) Cyclohexane	6.35	56	343593	18.14	ug/l	98
32) 1,1,1-Trichloroethane	6.28	97	359878	20.25	ug/l	99
36) 1,1-Dichloropropene	6.51	75	299275	20.42	ug/l	97
37) Ethyl Acetate	5.68	43	227894	19.98	ug/l	99
38) Carbon Tetrachloride	6.48	117	304554	20.59	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	304133	19.21	ug/l	100
40) Benzene	6.79	78	755466	19.82	ug/l	99
41) Methacrylonitrile	5.91	41	110567m	19.25	ug/l	
42) 1,2-Dichloroethane	6.88	62	254055	20.77	ug/l	98
43) Isopropyl Acetate	8.34	43	300082	20.23	ug/l	96
44) Trichloroethene	7.73	130	225994	20.14	ug/l	93
45) 1,2-Dichloropropane	8.09	63	217195	20.39	ug/l	98
46) Dibromomethane	8.21	93	137636	20.10	ug/l	97
47) Bromodichloromethane	8.49	83	322428	20.79	ug/l	99
48) Methyl methacrylate	8.24	41	168757	19.51	ug/l	97
49) 1,4-Dioxane	8.22	88	30506	395.07	ug/l	95
51) 4-Methyl-2-Pentanone	9.33	43	989662	89.47	ug/l	96
52) Toluene	9.54	92	498189	20.39	ug/l	99
53) t-1,3-Dichloropropene	9.92	75	300206	20.93	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	339831	20.44	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	174176	19.50	ug/l	96
56) Ethyl methacrylate	10.02	69	202758	19.67	ug/l	93
57) 1,3-Dichloropropane	10.38	76	271508	21.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.92	63	553330	111.89	ug/l	99
59) 2-Hexanone	10.49	43	770063	94.39	ug/l	96
60) Dibromochloromethane	10.63	129	225036	20.04	ug/l	100
61) 1,2-Dibromoethane	10.75	107	179175	19.84	ug/l	100
64) Tetrachloroethene	10.25	164	207291	20.04	ug/l	98
65) Chlorobenzene	11.31	112	548910	20.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	211391	21.77	ug/l	97
67) Ethyl Benzene	11.42	91	968244	21.65	ug/l	98
68) m/p-Xylenes	11.56	106	726113	44.60	ug/l	96
69) o-Xylene	11.93	106	338351	21.25	ug/l	97
70) Styrene	11.95	104	590548	21.42	ug/l	98
71) Bromoform	12.11	173	168851	20.10	ug/l	98
73) Isopropylbenzene	12.28	105	933485	20.75	ug/l	99
74) N-amyl acetate	12.13	43	402650	20.44	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.56	83	213164	20.49	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	233231	21.29	ug/l	100
77) Bromobenzene	12.54	156	259095	20.77	ug/l	82
78) n-propylbenzene	12.63	91	1270905	22.31	ug/l	96
79) 2-Chlorotoluene	12.70	91	702175	21.80	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	780352	21.82	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.34	75	67820	19.91	ug/l	97
82) 4-Chlorotoluene	12.81	91	790102	21.50	ug/l	97
83) tert-Butylbenzene	13.04	119	870478	21.37	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	785526	21.07	ug/l	97
85) sec-Butylbenzene	13.22	105	1024317	21.38	ug/l	99
86) p-Isopropyltoluene	13.34	119	841310	21.59	ug/l	97
87) 1,3-Dichlorobenzene	13.31	146	469478	21.08	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	469987	21.16	ug/l	99
89) n-Butylbenzene	13.64	91	871352	20.74	ug/l	97
90) Hexachloroethane	13.85	117	212012	20.26	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	410594	21.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.23	75	33117	20.70	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	326665	20.15	ug/l	98
94) Hexachlorobutadiene	14.88	225	224170	21.10	ug/l	99
95) Naphthalene	14.96	128	496784	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	282557	20.38	ug/l	98

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

