

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059850.D
 Acq On : 21 Aug 2018 12:35
 Operator : JC/SY
 Sample : VD0821SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0821SBS01

Manual Integrations
 APPROVED

apatel
 8/22/2018 12:42:37 PM

Quant Time: Aug 22 01:21:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	1167873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.65	114	1630895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	1294234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	624546	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.97	65	461658	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.50	113	624159	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.67	98	1661655	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.91	95	627980	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.32	85	181365	18.03	ug/l	97
3) Chloromethane	1.46	50	140276	16.46	ug/l	100
4) Vinyl Chloride	1.54	62	119336	17.47	ug/l	97
5) Bromomethane	1.76	94	12559	13.99	ug/l	85
6) Chloroethane	1.85	64	25252	16.34	ug/l	94
7) Trichlorofluoromethane	2.06	101	127529	18.55	ug/l	98
8) Diethyl Ether	2.31	74	29055	18.91	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.52	101	93623	21.41	ug/l	97
10) Methyl Iodide	2.66	142	70448	14.50	ug/l	99
11) Tert butyl alcohol	3.22	59	29880	86.48	ug/l	96
12) 1,1-Dichloroethene	2.51	96	67739	18.93	ug/l	90
13) Acrolein	2.44	56	26820	76.54	ug/l	97
14) Allyl chloride	2.88	41	163405	17.87	ug/l	99
15) Acrylonitrile	3.33	53	149501	93.48	ug/l	97
16) Acetone	2.58	43	149635	95.52	ug/l	97
17) Carbon Disulfide	2.73	76	181889	15.26	ug/l	96
18) Methyl Acetate	2.89	43	52911	15.21	ug/l #	92
19) Methyl tert-butyl Ether	3.37	73	367320	18.18	ug/l	97
20) Methylene Chloride	3.03	84	81054	14.56	ug/l	92
21) trans-1,2-Dichloroethene	3.35	96	177783	17.63	ug/l	95
22) Diisopropyl ether	4.03	45	879086	18.82	ug/l	98
23) Vinyl Acetate	3.98	43	2404918	95.85	ug/l	100
24) 1,1-Dichloroethane	3.93	63	377866	18.40	ug/l	100
25) 2-Butanone	4.79	43	399736	84.42	ug/l	98
26) 2,2-Dichloropropane	4.75	77	317936	19.73	ug/l	99
27) cis-1,2-Dichloroethene	4.75	96	240317	19.66	ug/l	96
28) Bromochloromethane	5.10	49	200509	19.27	ug/l	99
29) Tetrahydrofuran	5.14	42	215195	89.75	ug/l	99
30) Chloroform	5.28	83	394860	19.48	ug/l	100
31) Cyclohexane	5.55	56	326791	16.83	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	324963	19.02	ug/l	99
36) 1,1-Dichloropropene	5.70	75	274469	19.84	ug/l	98
37) Ethyl Acetate	4.88	43	192746	18.80	ug/l	99
38) Carbon Tetrachloride	5.68	117	278063	20.14	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.24	83	277154	18.73	ug/l	97
40) Benzene	5.97	78	708504	19.77	ug/l	99
41) Methacrylonitrile	5.08	41	100789	19.19	ug/l	97
42) 1,2-Dichloroethane	6.08	62	223310	19.14	ug/l	99
43) Isopropyl Acetate	7.58	43	251862	17.76	ug/l #	96
44) Trichloroethene	6.94	130	208570	19.57	ug/l	98
45) 1,2-Dichloropropane	7.31	63	203961	19.38	ug/l	99
46) Dibromomethane	7.42	93	125132	19.10	ug/l	96
47) Bromodichloromethane	7.71	83	284198	19.65	ug/l	98
48) Methyl methacrylate	7.46	41	141186	18.05	ug/l	97
49) 1,4-Dioxane	7.45	88	26123	394.67	ug/l	100
51) 4-Methyl-2-Pentanone	8.56	43	820635	86.56	ug/l	98
52) Toluene	8.76	92	457037	20.17	ug/l	97
53) t-1,3-Dichloropropene	9.15	75	257017	19.51	ug/l	98
54) cis-1,3-Dichloropropene	8.33	75	295979	18.76	ug/l	100
55) 1,1,2-Trichloroethane	9.42	97	165120	20.19	ug/l	97
56) Ethyl methacrylate	9.27	69	179846	19.07	ug/l	98
57) 1,3-Dichloropropane	9.63	76	232089	19.41	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.15	63	513236	93.34	ug/l	97
59) 2-Hexanone	9.75	43	617255	88.08	ug/l	100
60) Dibromochloromethane	9.92	129	204055	19.37	ug/l	97
61) 1,2-Dibromoethane	10.06	107	164454	18.82	ug/l	98
64) Tetrachloroethene	9.48	164	188398	19.88	ug/l	97
65) Chlorobenzene	10.69	112	518170	20.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.82	131	183235	21.51	ug/l	98
67) Ethyl Benzene	10.83	91	869923	19.43	ug/l	97
68) m/p-Xylenes	10.98	106	636512	38.78	ug/l	96
69) o-Xylene	11.38	106	316955	21.91	ug/l	99
70) Styrene	11.41	104	545837	21.67	ug/l	98
71) Bromoform	11.57	173	147986	19.33	ug/l	98
73) Isopropylbenzene	11.75	105	856641	20.13	ug/l	100
74) N-amyl acetate	11.62	43	338100	17.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.06	83	180331	17.98	ug/l	99
76) 1,2,3-Trichloropropane	12.09	75	185900	17.99	ug/l	99
77) Bromobenzene	12.02	156	231866	19.60	ug/l	90
78) n-propylbenzene	12.14	91	1102069	20.85	ug/l	99
79) 2-Chlorotoluene	12.19	91	590090	19.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.30	105	664762	18.95	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.82	75	54982	17.02	ug/l	93
82) 4-Chlorotoluene	12.30	91	671107	19.39	ug/l	97
83) tert-Butylbenzene	12.56	119	656800m	19.56	ug/l	
84) 1,2,4-Trimethylbenzene	12.61	105	690221	19.71	ug/l	99
85) sec-Butylbenzene	12.74	105	919453	20.65	ug/l	98
86) p-Isopropyltoluene	12.86	119	704735	20.18	ug/l	99
87) 1,3-Dichlorobenzene	12.82	146	408300	20.50	ug/l	96
88) 1,4-Dichlorobenzene	12.90	146	415769	21.06	ug/l	96
89) n-Butylbenzene	13.18	91	726989	19.04	ug/l	100
90) Hexachloroethane	13.38	117	186972	18.76	ug/l	73
91) 1,2-Dichlorobenzene	13.17	146	347045	19.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.75	75	25578	17.13	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.32	180	292812	20.48	ug/l	100
94) Hexachlorobutadiene	14.42	225	197082	20.49	ug/l	96
95) Naphthalene	14.50	128	438576	18.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	250838	20.02	ug/l	97

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

