

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064772.D
 Acq On : 06 Jan 2020 14:48
 Operator : VA/SY
 Sample : VD0106SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:24:03 AM

Quant Time: Jan 07 00:55:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	394018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	576551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	188910	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.91	113	191622	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	10.34	98	725862	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.64	95	231423	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	63523	20.745	ug/l	99
3) Chloromethane	2.21	50	93515	21.836	ug/l	100
4) Vinyl Chloride	2.35	62	110534	21.169	ug/l	98
5) Bromomethane	2.76	94	79613	20.970	ug/l	92
6) Chloroethane	2.92	64	75189	21.490	ug/l	99
7) Trichlorofluoromethane	3.27	101	189514	21.555	ug/l	94
8) Diethyl Ether	3.70	74	35712	20.455	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	79581	21.856	ug/l	99
10) Methyl Iodide	4.29	142	78379	20.040	ug/l	99
11) Tert butyl alcohol	5.25	59	20941	105.168	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	73697	21.260	ug/l	98
13) Acrolein	3.93	56	22772	82.060	ug/l	98
14) Allyl chloride	4.71	41	118474	21.920	ug/l	99
15) Acrylonitrile	5.43	53	77560	106.653	ug/l	99
16) Acetone	4.16	43	80112	104.692	ug/l	99
17) Carbon Disulfide	4.39	76	232653	20.756	ug/l	100
18) Methyl Acetate	4.73	43	40849	20.883	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	162778	21.141	ug/l	98
20) Methylene Chloride	4.96	84	91536	23.134	ug/l	99
21) trans-1,2-Dichloroethene	5.46	96	83365	21.117	ug/l	93
22) Diisopropyl ether	6.36	45	232185	21.538	ug/l	97
23) Vinyl Acetate	6.31	43	643369	105.208	ug/l	98
24) 1,1-Dichloroethane	6.26	63	144591	22.342	ug/l	98
25) 2-Butanone	7.22	43	100926	105.678	ug/l	98
26) 2,2-Dichloropropane	7.21	77	132251	21.979	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	91985	21.590	ug/l	100
28) Bromochloromethane	7.54	49	49561	19.700	ug/l	99
29) Tetrahydrofuran	7.57	42	61641	103.788	ug/l	99
30) Chloroform	7.71	83	150894	22.223	ug/l	93
31) Cyclohexane	7.98	56	134089	20.699	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	138474	21.713	ug/l	98
36) 1,1-Dichloropropene	8.11	75	117252	21.129	ug/l	97
37) Ethyl Acetate	7.29	43	46614	21.382	ug/l	96
38) Carbon Tetrachloride	8.10	117	127248	21.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138117	20.549	ug/l	95
40) Benzene	8.35	78	326299	21.539	ug/l	99
41) Methacrylonitrile	7.53	41	28087	22.206	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	94900	21.678	ug/l	100
43) Isopropyl Acetate	8.46	43	88542	20.405	ug/l	99
44) Trichloroethene	9.11	130	92314	20.743	ug/l	100
45) 1,2-Dichloropropane	9.39	63	79570	21.999	ug/l	92
46) Dibromomethane	9.48	93	43707	21.674	ug/l	99
47) Bromodichloromethane	9.66	83	114973	21.426	ug/l	98
48) Methyl methacrylate	9.46	41	39858	19.508	ug/l	86
49) 1,4-Dioxane	9.47	88	9354	402.273	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	219645	102.410	ug/l	99
52) Toluene	10.40	92	210249	21.154	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	104111	20.810	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	128195	21.731	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	57161	21.033	ug/l	95
56) Ethyl methacrylate	10.66	69	67007	19.742	ug/l	99
57) 1,3-Dichloropropane	10.95	76	97076	20.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	142030	109.835	ug/l	99
59) 2-Hexanone	10.99	43	152527	104.779	ug/l	100
60) Dibromochloromethane	11.14	129	78219	20.813	ug/l	98
61) 1,2-Dibromoethane	11.25	107	56434	21.053	ug/l	99
64) Tetrachloroethene	10.88	164	82643	21.302	ug/l	97
65) Chlorobenzene	11.67	112	223600	21.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	85471	21.602	ug/l	99
67) Ethyl Benzene	11.75	91	400196	21.008	ug/l	96
68) m/p-Xylenes	11.86	106	308059	41.896	ug/l	98
69) o-Xylene	12.18	106	139524	21.008	ug/l	99
70) Styrene	12.20	104	241154	20.686	ug/l	99
71) Bromoform	12.37	173	46400	20.564	ug/l #	100
73) Isopropylbenzene	12.48	105	381097	21.524	ug/l	99
74) N-amyl acetate	12.30	43	78024	20.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	59432	21.368	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	38019m	19.432	ug/l	
77) Bromobenzene	12.77	156	92780	21.326	ug/l	99
78) n-propylbenzene	12.83	91	448735	21.724	ug/l	99
79) 2-Chlorotoluene	12.91	91	244943	21.586	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	317436	21.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20726	22.156	ug/l	98
82) 4-Chlorotoluene	13.01	91	254850	21.105	ug/l	99
83) tert-Butylbenzene	13.23	119	261935	20.742	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	312071	21.544	ug/l	98
85) sec-Butylbenzene	13.41	105	368999	21.314	ug/l	100
86) p-Isopropyltoluene	13.53	119	354002	21.385	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	177533	21.406	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	172998	21.234	ug/l	98
89) n-Butylbenzene	13.86	91	319643	21.442	ug/l	99
90) Hexachloroethane	14.12	117	70869	22.412	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	149585	21.152	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	8986	19.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	107284	20.603	ug/l	99
94) Hexachlorobutadiene	15.28	225	65289	19.925	ug/l	95
95) Naphthalene	15.41	128	168489	20.453	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	90079	20.264	ug/l	99

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

