

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040619\
 Data File : VD061638.D
 Acq On : 6 Apr 2019 12:35
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 08 07:06:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 07:00:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	762437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1167318	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	978530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	466454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	106477	18.96	ug/l	0.00
Spiked Amount			Recovery	=	37.92%	
35) Dibromofluoromethane	6.93	113	165642	20.91	ug/l	0.00
Spiked Amount			Recovery	=	41.82%	
50) Toluene-d8	10.40	98	426047	22.04	ug/l	0.00
Spiked Amount			Recovery	=	44.08%	
62) 4-Bromofluorobenzene	13.55	95	164923	22.02	ug/l	0.00
Spiked Amount			Recovery	=	44.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	144673	18.084	ug/l	99
3) Chloromethane	1.76	50	121822	18.871	ug/l	93
4) Vinyl Chloride	1.86	62	121806	19.643	ug/l	97
5) Bromomethane	2.15	94	21227	15.276	ug/l	99
6) Chloroethane	2.26	64	28359	14.555	ug/l #	79
7) Trichlorofluoromethane	2.53	101	161864	17.735	ug/l	96
8) Diethyl Ether	2.87	74	48734	18.437	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.15	101	171767	18.905	ug/l	98
10) Methyl Iodide	3.31	142	222000	18.984	ug/l	99
11) Tert butyl alcohol	4.06	59	36833	94.925	ug/l	95
12) 1,1-Dichloroethene	3.13	96	142269	18.055	ug/l	93
13) Acrolein	3.04	56	45016	96.583	ug/l	94
14) Allyl chloride	3.63	41	202096	18.464	ug/l	99
15) Acrylonitrile	4.19	53	117545	91.935	ug/l	97
16) Acetone	3.22	43	135181	80.649	ug/l	99
17) Carbon Disulfide	3.37	76	477958	18.655	ug/l	100
18) Methyl Acetate	3.64	43	63862	19.602	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	247027	18.295	ug/l	97
20) Methylene Chloride	3.83	84	161810	16.898	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	157734	18.562	ug/l	95
22) Diisopropyl ether	5.12	45	434991	19.377	ug/l	97
23) Vinyl Acetate	5.06	43	1141488	91.989	ug/l	100
24) 1,1-Dichloroethane	4.99	63	258047	18.652	ug/l	98
25) 2-Butanone	6.07	43	175606	89.646	ug/l	95
26) 2,2-Dichloropropane	6.02	77	219733	19.549	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	179903	19.866	ug/l	95
28) Bromochloromethane	6.43	49	88959	18.005	ug/l	100
29) Tetrahydrofuran	6.45	42	87039	92.780	ug/l	99
30) Chloroform	6.66	83	263493	18.301	ug/l	99
31) Cyclohexane	6.95	56	184279	17.371	ug/l	95
32) 1,1,1-Trichloroethane	6.87	97	239778	18.960	ug/l	99
36) 1,1-Dichloropropene	7.14	75	213196	20.427	ug/l	96
37) Ethyl Acetate	6.18	43	93298	21.534	ug/l	95
38) Carbon Tetrachloride	7.10	117	243232	20.175	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	224415	20.626	ug/l	98
40) Benzene	7.45	78	486516	19.266	ug/l	96
41) Methacrylonitrile	6.44	41	95716	19.602	ug/l	95
42) 1,2-Dichloroethane	7.58	62	166832	20.903	ug/l	97
43) Isopropyl Acetate	9.23	43	129577	20.811	ug/l #	95
44) Trichloroethene	8.53	130	194445	20.213	ug/l	98
45) 1,2-Dichloropropane	8.93	63	120603	19.497	ug/l	97
46) Dibromomethane	9.06	93	84993	19.385	ug/l	96
47) Bromodichloromethane	9.37	83	201385	20.548	ug/l	97
48) Methyl methacrylate	9.11	41	64143	18.632	ug/l	98
49) 1,4-Dioxane	9.08	88	14644	384.300	ug/l	96
51) 4-Methyl-2-Pentanone	10.29	43	401742	109.581	ug/l	100
52) Toluene	10.50	92	334818	21.404	ug/l	100
53) t-1,3-Dichloropropene	10.90	75	176077	20.343	ug/l	94
54) cis-1,3-Dichloropropene	10.04	75	224224	21.029	ug/l	97
55) 1,1,2-Trichloroethane	11.19	97	101956	19.768	ug/l	96
56) Ethyl methacrylate	11.03	69	113859	20.318	ug/l	99
57) 1,3-Dichloropropane	11.41	76	164976	21.186	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	257726	101.514	ug/l	98
59) 2-Hexanone	11.52	43	278690	100.727	ug/l	96
60) Dibromochloromethane	11.68	129	164349	20.019	ug/l	100
61) 1,2-Dibromoethane	11.80	107	121847	20.020	ug/l	94
64) Tetrachloroethene	11.26	164	135567	18.156	ug/l	95
65) Chlorobenzene	12.40	112	368746	19.114	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	163751	21.345	ug/l	98
67) Ethyl Benzene	12.52	91	672411	21.881	ug/l	99
68) m/p-Xylenes	12.67	106	473798	41.741	ug/l	98
69) o-Xylene	13.05	106	215440	19.625	ug/l	89
70) Styrene	13.07	104	354705	18.869	ug/l	99
71) Bromoform	13.24	173	86264	18.843	ug/l #	95
73) Isopropylbenzene	13.40	105	638568	20.340	ug/l	97
74) N-amyl acetate	13.27	43	155035	18.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	112908	17.986	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	110641	17.676	ug/l	100
77) Bromobenzene	13.67	156	178097	19.363	ug/l	79
78) n-propylbenzene	13.77	91	721938	19.549	ug/l	100
79) 2-Chlorotoluene	13.84	91	380186	18.004	ug/l	100
80) 1,3,5-Trimethylbenzene	13.93	105	493562	20.032	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	34869	17.999	ug/l	96
82) 4-Chlorotoluene	13.95	91	466420	20.215	ug/l	97
83) tert-Butylbenzene	14.19	119	597720	20.277	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	488380	19.289	ug/l	100
85) sec-Butylbenzene	14.37	105	629804	20.004	ug/l	96
86) p-Isopropyltoluene	14.49	119	584195	20.113	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	298446	19.053	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	304395	19.619	ug/l	98
89) n-Butylbenzene	14.79	91	505295	20.264	ug/l	98
90) Hexachloroethane	15.01	117	145479	19.404	ug/l	66
91) 1,2-Dichlorobenzene	14.80	146	257941	20.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15308	19.490	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	117626	18.101	ug/l	97
94) Hexachlorobutadiene	16.03	225	93309	18.661	ug/l	98
95) Naphthalene	16.12	128	185475	18.097	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	57742	17.946	ug/l	99

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

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