

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092619\
 Data File : VD063837.D
 Acq On : 26 Sep 2019 14:35
 Operator : VA/SY
 Sample : VD0926SBS01
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Quant Time: Sep 26 18:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	215951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.88	114	342620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	335551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	177272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.35	65	102917	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
35) Dibromofluoromethane	7.94	113	101960	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	10.36	98	425661	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.64	95	143334	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	32750	22.113	ug/l	97
3) Chloromethane	2.22	50	107247	25.721	ug/l	97
4) Vinyl Chloride	2.36	62	113110	24.694	ug/l	96
5) Bromomethane	2.77	94	53891	20.109	ug/l	99
6) Chloroethane	2.93	64	67725	23.074	ug/l	95
7) Trichlorofluoromethane	3.29	101	144326	23.436	ug/l	96
8) Diethyl Ether	3.72	74	21417	22.528	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.11	101	38389	21.014	ug/l	97
10) Methyl Iodide	4.31	142	45965	21.075	ug/l	97
11) Tert butyl alcohol	5.27	59	15609	105.387	ug/l #	89
12) 1,1-Dichloroethene	4.08	96	39067	21.186	ug/l	94
13) Acrolein	3.94	56	19844	102.870	ug/l	95
14) Allyl chloride	4.73	41	58965	20.229	ug/l	97
15) Acrylonitrile	5.46	53	48579	109.511	ug/l	98
16) Acetone	4.19	43	48688	111.256	ug/l #	85
17) Carbon Disulfide	4.42	76	134284	21.542	ug/l	97
18) Methyl Acetate	4.75	43	26267	25.042	ug/l	96
19) Methyl tert-butyl Ether	5.51	73	96971	21.004	ug/l	96
20) Methylene Chloride	4.99	84	52577	20.564	ug/l	92
21) trans-1,2-Dichloroethene	5.49	96	48394	22.546	ug/l #	92
22) Diisopropyl ether	6.40	45	132418	21.996	ug/l	95
23) Vinyl Acetate	6.33	43	378255	106.228	ug/l	97
24) 1,1-Dichloroethane	6.29	63	80692	22.062	ug/l	98
25) 2-Butanone	7.24	43	66349	111.190	ug/l #	80
26) 2,2-Dichloropropane	7.23	77	72885	21.308	ug/l	97
27) cis-1,2-Dichloroethene	7.23	96	52640	21.856	ug/l	97
28) Bromochloromethane	7.57	49	27839	19.398	ug/l	98
29) Tetrahydrofuran	7.59	42	39930	111.678	ug/l	96
30) Chloroform	7.73	83	83842	21.105	ug/l	95
31) Cyclohexane	8.00	56	78760	22.547	ug/l #	96
32) 1,1,1-Trichloroethane	7.93	97	77755	21.646	ug/l	95
36) 1,1-Dichloropropene	8.13	75	65989	21.115	ug/l	100
37) Ethyl Acetate	7.32	43	27884	22.415	ug/l #	92
38) Carbon Tetrachloride	8.11	117	70771	21.757	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.37	83	83004	21.330	ug/l	94
40) Benzene	8.37	78	184106	21.391	ug/l	96
41) Methacrylonitrile	7.54	41	14990	20.442	ug/l	96
42) 1,2-Dichloroethane	8.44	62	55023	21.862	ug/l	100
43) Isopropyl Acetate	8.47	43	54914	20.987	ug/l	98
44) Trichloroethene	9.13	130	51405	20.624	ug/l	90
45) 1,2-Dichloropropane	9.40	63	45948	21.611	ug/l	93
46) Dibromomethane	9.49	93	25779	21.483	ug/l	97
47) Bromodichloromethane	9.68	83	65767	21.260	ug/l	97
48) Methyl methacrylate	9.47	41	27141	22.806	ug/l	95
49) 1,4-Dioxane	9.48	88	6814	407.037	ug/l	96
51) 4-Methyl-2-Pentanone	10.25	43	144856	109.890	ug/l	99
52) Toluene	10.42	92	128442	22.009	ug/l	98
53) t-1,3-Dichloropropene	10.64	75	67137	21.895	ug/l	95
54) cis-1,3-Dichloropropene	10.11	75	75638	21.731	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	35171	20.742	ug/l #	86
56) Ethyl methacrylate	10.68	69	44474	20.636	ug/l	95
57) 1,3-Dichloropropane	10.96	76	61234	21.254	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.96	63	96943	100.643	ug/l	99
59) 2-Hexanone	11.00	43	103475	110.017	ug/l	97
60) Dibromochloromethane	11.16	129	47299	21.138	ug/l	100
61) 1,2-Dibromoethane	11.26	107	36027	21.254	ug/l	99
64) Tetrachloroethene	10.89	164	48946	21.655	ug/l	91
65) Chlorobenzene	11.68	112	141120	20.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.76	131	49352	19.895	ug/l	96
67) Ethyl Benzene	11.76	91	253460	20.789	ug/l	100
68) m/p-Xylenes	11.87	106	196732	42.019	ug/l	100
69) o-Xylene	12.19	106	92910	21.024	ug/l	96
70) Styrene	12.21	104	156495	20.924	ug/l	99
71) Bromoform	12.37	173	29432	21.358	ug/l #	96
73) Isopropylbenzene	12.49	105	254791	21.043	ug/l	99
74) N-amyl acetate	12.30	43	53144	20.050	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	42518	21.067	ug/l	97
76) 1,2,3-Trichloropropane	12.80	75	29289m	21.790	ug/l	
77) Bromobenzene	12.77	156	60203	20.689	ug/l	97
78) n-propylbenzene	12.84	91	299780	21.044	ug/l	97
79) 2-Chlorotoluene	12.92	91	162827	21.192	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	212422	21.045	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.55	75	14264	21.193	ug/l	96
82) 4-Chlorotoluene	13.02	91	172936	21.099	ug/l	96
83) tert-Butylbenzene	13.24	119	179033	20.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	213422	20.827	ug/l	98
85) sec-Butylbenzene	13.41	105	253340	20.643	ug/l	99
86) p-Isopropyltoluene	13.53	119	238523	20.695	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	118115	20.673	ug/l	98
88) 1,4-Dichlorobenzene	13.61	146	115391	20.307	ug/l	99
89) n-Butylbenzene	13.86	91	223688	20.391	ug/l	99
90) Hexachloroethane	14.13	117	42536	19.924	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	99956	20.396	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.53	75	7101	20.853	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	73497	19.748	ug/l	99
94) Hexachlorobutadiene	15.28	225	42706	20.252	ug/l	94
95) Naphthalene	15.41	128	133094	19.914	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	66658	20.202	ug/l	98

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

