

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062129.D
 Acq On : 6 May 2019 14:28
 Operator : FY/SY
 Sample : VD0506SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBS01

Quant Time: May 07 05:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	392644	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	635452	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	596084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	300835	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	189200	61.57	ug/l	0.00
Spiked Amount						
			Recovery	=	123.14%	
35) Dibromofluoromethane	6.92	113	247147	56.24	ug/l	-0.02
Spiked Amount						
			Recovery	=	112.48%	
50) Toluene-d8	10.41	98	540176	51.66	ug/l	0.00
Spiked Amount						
			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	13.55	95	250158	59.64	ug/l	0.00
Spiked Amount						
			Recovery	=	119.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	4400	1.477	ug/l #	77
4) Vinyl Chloride	1.84	62	5047	1.869	ug/l	91
5) Bromomethane	2.14	94	6884	7.891	ug/l #	91
6) Chloroethane	2.24	64	6027	6.173	ug/l	97
7) Trichlorofluoromethane	2.52	101	41656	10.201	ug/l	98
8) Diethyl Ether	2.86	74	19251	17.589	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.14	101	55977	14.880	ug/l	98
10) Methyl Iodide	3.30	142	36015	11.030	ug/l	96
11) Tert butyl alcohol	4.05	59	25507	146.905	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	37591	11.745	ug/l	97
13) Acrolein	3.02	56	15994	88.781	ug/l	84
14) Allyl chloride	3.61	41	63545	14.540	ug/l	94
15) Acrylonitrile	4.18	53	66742	124.137	ug/l	96
16) Acetone	3.22	43	87195	118.834	ug/l	95
17) Carbon Disulfide	3.36	76	50667	5.478	ug/l	99
18) Methyl Acetate	3.63	43	34928	25.174	ug/l	95
19) Methyl tert-butyl Ether	4.22	73	144920	22.822	ug/l	99
20) Methylene Chloride	3.80	84	65585	16.205	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	55778	15.192	ug/l	95
22) Diisopropyl ether	5.11	45	189689	18.591	ug/l	97
23) Vinyl Acetate	5.04	43	566701	106.652	ug/l	99
24) 1,1-Dichloroethane	4.97	63	106413	17.255	ug/l	98
25) 2-Butanone	6.06	43	106550	119.770	ug/l	96
26) 2,2-Dichloropropane	6.01	77	102879	19.122	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	72316	17.314	ug/l	98
28) Bromochloromethane	6.43	49	56462	23.928	ug/l	98
29) Tetrahydrofuran	6.45	42	48006	109.518	ug/l	96
30) Chloroform	6.65	83	140194	20.015	ug/l	95
31) Cyclohexane	6.95	56	54347	11.873	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	115060	18.879	ug/l	98
36) 1,1-Dichloropropene	7.13	75	83137	16.792	ug/l	98
37) Ethyl Acetate	6.17	43	47531	22.529	ug/l #	86
38) Carbon Tetrachloride	7.11	117	115541	18.417	ug/l	99
39) Methylcyclohexane	8.86	83	71503	14.638	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.45	78	211126	17.225	ug/l	99
41) Methacrylonitrile	6.45	41	59912	24.339	ug/l #	88
42) 1,2-Dichloroethane	7.58	62	90226	21.681	ug/l	98
43) Isopropyl Acetate	9.23	43	71522	23.202	ug/l	98
44) Trichloroethene	8.53	130	89065	18.744	ug/l	96
45) 1,2-Dichloropropane	8.94	63	61095	19.649	ug/l	99
46) Dibromomethane	9.06	93	47263	21.124	ug/l	86
47) Bromodichloromethane	9.37	83	116563	22.049	ug/l	97
48) Methyl methacrylate	9.11	41	39588	22.509	ug/l	93
49) 1,4-Dioxane	9.07	88	9025	475.951	ug/l #	86
51) 4-Methyl-2-Pentanone	10.30	43	239034	126.795	ug/l	98
52) Toluene	10.51	92	152015	19.452	ug/l	93
53) t-1,3-Dichloropropene	10.92	75	115350	25.995	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	110347	20.446	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	63880	24.348	ug/l	92
56) Ethyl methacrylate	11.04	69	66071	22.737	ug/l	93
57) 1,3-Dichloropropane	11.41	76	91564	22.596	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	215578	159.570	ug/l	95
59) 2-Hexanone	11.54	43	197482	139.645	ug/l	99
60) Dibromochloromethane	11.68	129	106712	24.581	ug/l	98
61) 1,2-Dibromoethane	11.80	107	75677	24.315	ug/l	95
64) Tetrachloroethene	11.26	164	74025	17.409	ug/l	95
65) Chlorobenzene	12.40	112	227954	20.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	102016	21.352	ug/l	97
67) Ethyl Benzene	12.52	91	364622	19.833	ug/l	98
68) m/p-Xylenes	12.67	106	252859	38.054	ug/l	99
69) o-Xylene	13.05	106	127331	20.944	ug/l	99
70) Stvrene	13.07	104	232511	22.149	ug/l	99
71) Bromoform	13.24	173	66813	24.528	ug/l	91
73) Isopropylbenzene	13.41	105	378349	18.854	ug/l	98
74) N-amyl acetate	13.27	43	107843	20.867	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	85577	21.761	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	83180	21.774	ug/l	98
77) Bromobenzene	13.67	156	102946	17.883	ug/l	89
78) n-propylbenzene	13.78	91	408243	17.771	ug/l	98
79) 2-Chlorotoluene	13.84	91	248269	17.842	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	291793	18.236	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	24920	21.526	ug/l	93
82) 4-Chlorotoluene	13.95	91	287833	18.783	ug/l	89
83) tert-Butylbenzene	14.19	119	347868	18.767	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	277098	18.136	ug/l	99
85) sec-Butylbenzene	14.37	105	385951	19.270	ug/l	98
86) p-Isopropyltoluene	14.50	119	345445	19.271	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	182542	18.107	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	177589	18.837	ug/l	98
89) n-Butylbenzene	14.80	91	294703	18.313	ug/l	95
90) Hexachloroethane	15.01	117	92125	19.006	ug/l	96
91) 1,2-Dichlorobenzene	14.81	146	170345	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	11991	22.187	ug/l	92
93) 1,2,4-Trichlorobenzene	15.95	180	100278	22.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	16.04	225	70818	21.328	ug/l	97
95) Naphthalene	16.12	128	177418	24.490	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	71521	28.094	ug/l	98

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

