

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062063.D
 Acq On : 29 Apr 2019 15:27
 Operator : FY/SY
 Sample : VD0429SBS01
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBS01

Quant Time: Apr 29 15:53:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	550332	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	891485	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	729939	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	379783	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	234134	54.36	ug/l	-0.03
Spiked Amount			Recovery	=	108.72%	
35) Dibromofluoromethane	6.89	113	336670	54.61	ug/l	-0.04
Spiked Amount			Recovery	=	109.22%	
50) Toluene-d8	10.39	98	800120	54.54	ug/l	-0.03
Spiked Amount			Recovery	=	109.08%	
62) 4-Bromofluorobenzene	13.54	95	289254	49.16	ug/l	-0.02
Spiked Amount			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	86965	17.697	ug/l	98
3) Chloromethane	1.75	50	74145	17.753	ug/l	95
4) Vinyl Chloride	1.84	62	72824	19.237	ug/l	98
5) Bromomethane	2.14	94	20568	17.999	ug/l	94
6) Chloroethane	2.25	64	25245	18.449	ug/l #	87
7) Trichlorofluoromethane	2.51	101	121449	21.219	ug/l	98
8) Diethyl Ether	2.86	74	31297	20.402	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.13	101	112038	21.249	ug/l	99
10) Methyl Iodide	3.29	142	117410	18.458	ug/l	97
11) Tert butyl alcohol	4.04	59	23150	95.127	ug/l	100
12) 1,1-Dichloroethene	3.11	96	86036	19.180	ug/l	98
13) Acrolein	3.02	56	21384	84.689	ug/l	96
14) Allyl chloride	3.60	41	115749	18.897	ug/l	92
15) Acrylonitrile	4.17	53	70706	93.828	ug/l	96
16) Acetone	3.20	43	97477	94.782	ug/l	96
17) Carbon Disulfide	3.36	76	238758	18.419	ug/l	100
18) Methyl Acetate	3.62	43	39866	20.080	ug/l	99
19) Methyl tert-butyl Ether	4.21	73	157374	17.682	ug/l	96
20) Methylene Chloride	3.79	84	102719	18.508	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	90019	17.493	ug/l	99
22) Diisopropyl ether	5.08	45	287608	20.111	ug/l	94
23) Vinyl Acetate	5.02	43	758566	101.855	ug/l	100
24) 1,1-Dichloroethane	4.95	63	174499	20.188	ug/l	100
25) 2-Butanone	6.04	43	115875	92.931	ug/l	99
26) 2,2-Dichloropropane	6.00	77	158321	20.996	ug/l	99
27) cis-1,2-Dichloroethene	6.01	96	114334	19.530	ug/l	97
28) Bromochloromethane	6.41	49	73577	22.247	ug/l	97
29) Tetrahydrofuran	6.43	42	57725	93.957	ug/l	98
30) Chloroform	6.64	83	200230	20.395	ug/l	99
31) Cyclohexane	6.92	56	123303	19.219	ug/l	96
32) 1,1,1-Trichloroethane	6.85	97	178182	20.859	ug/l	96
36) 1,1-Dichloropropene	7.12	75	141937	20.435	ug/l	95
37) Ethyl Acetate	6.16	43	57197	19.325	ug/l #	91
38) Carbon Tetrachloride	7.08	117	184013	20.908	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	134148	19.576	ug/l	97
40) Benzene	7.43	78	340794	19.819	ug/l	99
41) Methacrylonitrile	6.41	41	66220	19.175	ug/l #	95
42) 1,2-Dichloroethane	7.55	62	124441	21.314	ug/l	99
43) Isopropyl Acetate	9.22	43	76712	17.738	ug/l	100
44) Trichloroethene	8.52	130	144407	21.662	ug/l	93
45) 1,2-Dichloropropane	8.91	63	82001	18.798	ug/l	100
46) Dibromomethane	9.04	93	67071	21.368	ug/l #	86
47) Bromodichloromethane	9.36	83	151495	20.426	ug/l	96
48) Methyl methacrylate	9.09	41	51458	20.855	ug/l	94
49) 1,4-Dioxane	9.05	88	11825	444.514	ug/l #	92
51) 4-Methyl-2-Pentanone	10.27	43	267107	100.994	ug/l	100
52) Toluene	10.49	92	214329	19.549	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	130510	20.964	ug/l	99
54) cis-1,3-Dichloropropene	10.01	75	157351	20.782	ug/l	99
55) 1,1,2-Trichloroethane	11.17	97	78058	21.207	ug/l	96
56) Ethyl methacrylate	11.02	69	85696	21.021	ug/l	95
57) 1,3-Dichloropropane	11.38	76	123854	21.786	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.83	63	244862	129.192	ug/l	98
59) 2-Hexanone	11.51	43	186672	94.091	ug/l	99
60) Dibromochloromethane	11.67	129	132428	21.744	ug/l	99
61) 1,2-Dibromoethane	11.79	107	82663	18.932	ug/l	98
64) Tetrachloroethene	11.24	164	107352	20.617	ug/l	94
65) Chlorobenzene	12.38	112	284291	20.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	126000	21.536	ug/l	97
67) Ethyl Benzene	12.51	91	474765	21.088	ug/l	99
68) m/p-Xylenes	12.65	106	341053	41.915	ug/l	99
69) o-Xylene	13.04	106	149620	20.097	ug/l	95
70) Styrene	13.06	104	256654	19.965	ug/l	98
71) Bromoform	13.22	173	70625	21.173	ug/l #	99
73) Isopropylbenzene	13.39	105	430629	16.998	ug/l	98
74) N-amyl acetate	13.25	43	113277	17.362	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	82954	16.709	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	86518	17.940	ug/l	98
77) Bromobenzene	13.66	156	125400	17.255	ug/l	98
78) n-propylbenzene	13.76	91	565457	19.497	ug/l	96
79) 2-Chlorotoluene	13.82	91	321666	18.311	ug/l	96
80) 1,3,5-Trimethylbenzene	13.92	105	383783	18.999	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	25901	17.723	ug/l	96
82) 4-Chlorotoluene	13.93	91	371103	19.183	ug/l	92
83) tert-Butylbenzene	14.18	119	449234	19.197	ug/l	96
84) 1,2,4-Trimethylbenzene	14.23	105	369585	19.161	ug/l	100
85) sec-Butylbenzene	14.36	105	489759	19.370	ug/l	98
86) p-Isopropyltoluene	14.48	119	442177	19.540	ug/l	98
87) 1,3-Dichlorobenzene	14.44	146	220613	17.334	ug/l	96
88) 1,4-Dichlorobenzene	14.52	146	232239	19.513	ug/l	97
89) n-Butylbenzene	14.79	91	346729	17.067	ug/l	97
90) Hexachloroethane	15.00	117	111458	18.215	ug/l	95
91) 1,2-Dichlorobenzene	14.80	146	185599	17.679	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	11721	17.774	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	105670	18.655	ug/l	98
94) Hexachlorobutadiene	16.03	225	77877	18.578	ug/l	95
95) Naphthalene	16.11	128	166638	18.220	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	58024	18.054	ug/l	95

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

