

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\
 Data File : VD062062.D
 Acq On : 29 Apr 2019 14:58
 Operator : FY/SY
 Sample : VD0429SBS01
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBS01

Quant Time: Apr 29 15:22:12 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	7.03	168	550961	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	914064	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	761090	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	348402	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	246594	57.19	ug/l	-0.02
Spiked Amount			Recovery	=	114.38%	
35) Dibromofluoromethane	6.90	113	341120	53.96	ug/l	-0.03
Spiked Amount			Recovery	=	107.92%	
50) Toluene-d8	10.39	98	821312	54.60	ug/l	-0.02
Spiked Amount			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	13.54	95	327727	54.32	ug/l	-0.01
Spiked Amount			Recovery	=	108.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	94824	19.274	ug/l	96
3) Chloromethane	1.74	50	77127	18.445	ug/l	98
4) Vinyl Chloride	1.84	62	74007	19.528	ug/l	97
5) Bromomethane	2.14	94	20999	18.391	ug/l #	88
6) Chloroethane	2.24	64	28761	20.994	ug/l	94
7) Trichlorofluoromethane	2.52	101	125822	21.958	ug/l	99
8) Diethyl Ether	2.85	74	29595	19.270	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	117640	22.286	ug/l	96
10) Methyl Iodide	3.29	142	121101	18.852	ug/l	94
11) Tert butyl alcohol	4.04	59	27392	112.429	ug/l	99
12) 1,1-Dichloroethene	3.11	96	93806	20.888	ug/l	96
13) Acrolein	3.02	56	24443	96.693	ug/l	97
14) Allyl chloride	3.60	41	129375	21.097	ug/l	93
15) Acrylonitrile	4.17	53	82104	108.829	ug/l	95
16) Acetone	3.20	43	110156	106.988	ug/l	92
17) Carbon Disulfide	3.36	76	246494	18.994	ug/l	100
18) Methyl Acetate	3.62	43	45294	23.093	ug/l	96
19) Methyl tert-butyl Ether	4.21	73	189766	21.297	ug/l	97
20) Methylene Chloride	3.79	84	111972	20.455	ug/l	98
21) trans-1,2-Dichloroethene	4.19	96	101967	19.792	ug/l	96
22) Diisopropyl ether	5.09	45	274639	19.182	ug/l	94
23) Vinyl Acetate	5.02	43	773800	103.782	ug/l	98
24) 1,1-Dichloroethane	4.96	63	172656	19.952	ug/l	98
25) 2-Butanone	6.04	43	134341	107.617	ug/l	98
26) 2,2-Dichloropropane	5.99	77	158832	21.039	ug/l	100
27) cis-1,2-Dichloroethene	6.01	96	120092	20.490	ug/l	94
28) Bromochloromethane	6.42	49	71808	21.687	ug/l	99
29) Tetrahydrofuran	6.44	42	61820	100.507	ug/l	97
30) Chloroform	6.64	83	206298	20.989	ug/l	96
31) Cyclohexane	6.93	56	122813	19.121	ug/l	97
32) 1,1,1-Trichloroethane	6.84	97	177528	20.759	ug/l	97
36) 1,1-Dichloropropene	7.13	75	147112	20.657	ug/l	97
37) Ethyl Acetate	6.15	43	59590	19.636	ug/l #	94
38) Carbon Tetrachloride	7.09	117	189166	20.962	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	144654	20.588	ug/l	98
40) Benzene	7.43	78	354511	20.108	ug/l	98
41) Methacrylonitrile	6.41	41	73065	20.635	ug/l #	94
42) 1,2-Dichloroethane	7.56	62	128800	21.516	ug/l	97
43) Isopropyl Acetate	9.22	43	92580	20.879	ug/l	89
44) Trichloroethene	8.51	130	138977	20.333	ug/l	96
45) 1,2-Dichloropropane	8.92	63	91138	20.377	ug/l	96
46) Dibromomethane	9.04	93	65935	20.487	ug/l	99
47) Bromodichloromethane	9.35	83	157669	20.734	ug/l	97
48) Methyl methacrylate	9.10	41	53878	21.296	ug/l	99
49) 1,4-Dioxane	9.07	88	11643	426.861	ug/l	93
51) 4-Methyl-2-Pentanone	10.29	43	305766	112.756	ug/l	98
52) Toluene	10.49	92	238216	21.191	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	143623	22.501	ug/l	100
54) cis-1,3-Dichloropropene	10.02	75	170021	21.900	ug/l	99
55) 1,1,2-Trichloroethane	11.17	97	83548	22.138	ug/l	96
56) Ethyl methacrylate	11.02	69	89996	21.531	ug/l	94
57) 1,3-Dichloropropane	11.39	76	127038	21.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.84	63	258811	133.179	ug/l	96
59) 2-Hexanone	11.52	43	229359	112.751	ug/l	98
60) Dibromochloromethane	11.67	129	139444	22.330	ug/l	99
61) 1,2-Dibromoethane	11.79	107	97008	21.668	ug/l	100
64) Tetrachloroethene	11.24	164	119068	21.931	ug/l	99
65) Chlorobenzene	12.38	112	310538	21.592	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.50	131	127275	20.863	ug/l	98
67) Ethyl Benzene	12.51	91	483897	20.614	ug/l	100
68) m/p-Xylenes	12.66	106	367478	43.314	ug/l	98
69) o-Xylene	13.04	106	171240	22.059	ug/l	100
70) Styrene	13.06	104	289554	21.602	ug/l	99
71) Bromoform	13.23	173	80052	23.017	ug/l #	94
73) Isopropylbenzene	13.40	105	515512	22.181	ug/l	98
74) N-amyl acetate	13.26	43	124302	20.768	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.69	83	92601	20.332	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	90508	20.457	ug/l	100
77) Bromobenzene	13.66	156	141202	21.179	ug/l	94
78) n-propylbenzene	13.77	91	584315	21.962	ug/l	97
79) 2-Chlorotoluene	13.83	91	333849	20.716	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	397933	21.473	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	27848	20.771	ug/l	92
82) 4-Chlorotoluene	13.94	91	388659	21.900	ug/l	91
83) tert-Butylbenzene	14.18	119	476257	22.185	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	406695	22.984	ug/l	100
85) sec-Butylbenzene	14.36	105	447978	19.313	ug/l	100
86) p-Isopropyltoluene	14.48	119	382724	18.436	ug/l	92
87) 1,3-Dichlorobenzene	14.45	146	236670	20.271	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	234191	21.449	ug/l	99
89) n-Butylbenzene	14.79	91	407001	21.838	ug/l	99
90) Hexachloroethane	15.00	117	119129	21.222	ug/l	94
91) 1,2-Dichlorobenzene	14.80	146	211841	21.996	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12574	20.339	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	110738	21.311	ug/l	96
94) Hexachlorobutadiene	16.04	225	88184	22.932	ug/l	96
95) Naphthalene	16.11	128	173232	20.647	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	63060	21.388	ug/l	98

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

