

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062766.D
 Acq On : 19 Jun 2019 1:29
 Operator : VA/AP
 Sample : VD0618SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS02

Quant Time: Jun 19 01:54:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	529044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	676077	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	594969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	320378	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	421979	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	110.56%		
35) Dibromofluoromethane	6.92	113	426988	59.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	119.76%		
50) Toluene-d8	10.41	98	890853	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.78%		
62) 4-Bromofluorobenzene	13.56	95	415586	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.78%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	145791	22.273	ug/l	100
3) Chloromethane	1.73	50	122271	23.358	ug/l	98
4) Vinyl Chloride	1.84	62	112636	20.867	ug/l	99
5) Bromomethane	2.14	94	53925	19.791	ug/l	95
6) Chloroethane	2.25	64	58891	22.098	ug/l #	87
7) Trichlorofluoromethane	2.52	101	265480	21.973	ug/l	94
8) Diethyl Ether	2.87	74	35462	21.580	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.13	101	146333	22.458	ug/l	97
10) Methyl Iodide	3.29	142	159232	19.494	ug/l	90
11) Tert butyl alcohol	4.08	59	29348	93.525	ug/l #	80
12) 1,1-Dichloroethene	3.11	96	98773	21.123	ug/l	91
13) Acrolein	3.02	56	12269	121.548	ug/l #	60
14) Allyl chloride	3.60	41	159246	22.149	ug/l	97
15) Acrylonitrile	4.18	53	79768	111.864	ug/l	98
16) Acetone	3.22	43	141049	100.899	ug/l	97
17) Carbon Disulfide	3.36	76	260557	18.909	ug/l	98
18) Methyl Acetate	3.63	43	66173	28.804	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	242186	21.236	ug/l	95
20) Methylene Chloride	3.80	84	112947	21.130	ug/l	85
21) trans-1,2-Dichloroethene	4.20	96	99324	19.364	ug/l	97
22) Diisopropyl ether	5.11	45	335135	22.449	ug/l #	97
23) Vinyl Acetate	5.05	43	1029197	111.125	ug/l	98
24) 1,1-Dichloroethane	4.97	63	217475	22.644	ug/l	97
25) 2-Butanone	6.06	43	151127	110.814	ug/l	95
26) 2,2-Dichloropropane	6.02	77	210905	19.054	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	124276	22.350	ug/l	82
28) Bromochloromethane	6.43	49	74150	20.197	ug/l	96
29) Tetrahydrofuran	6.45	42	70972	115.560	ug/l	99
30) Chloroform	6.66	83	278899	22.634	ug/l	95
31) Cyclohexane	6.94	56	127059	21.090	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	275160	22.441	ug/l	98
36) 1,1-Dichloropropene	7.14	75	171478	22.161	ug/l	99
37) Ethyl Acetate	6.17	43	82344	25.560	ug/l #	90
38) Carbon Tetrachloride	7.10	117	286896	23.458	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	124974	19.987	ug/l	93
40) Benzene	7.45	78	359211	23.772	ug/l	99
41) Methacrylonitrile	6.45	41	100525	24.818	ug/l	96
42) 1,2-Dichloroethane	7.57	62	216146	23.998	ug/l	99
43) Isopropyl Acetate	9.23	43	98051	24.016	ug/l #	93
44) Trichloroethene	8.54	130	136994	22.331	ug/l	90
45) 1,2-Dichloropropane	8.94	63	83397	22.977	ug/l	97
46) Dibromomethane	9.06	93	81765	25.378	ug/l	92
47) Bromodichloromethane	9.37	83	214192	24.439	ug/l	92
48) Methyl methacrylate	9.12	41	70566	23.924	ug/l	92
49) 1,4-Dioxane	9.08	88	11491	462.337	ug/l	96
51) 4-Methyl-2-Pentanone	10.30	43	350303	122.622	ug/l	99
52) Toluene	10.50	92	225652	22.216	ug/l	100
53) t-1,3-Dichloropropene	10.91	75	178875	24.893	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	173907	23.416	ug/l	93
55) 1,1,2-Trichloroethane	11.18	97	82739	23.753	ug/l	96
56) Ethyl methacrylate	11.04	69	92368	24.213	ug/l	87
57) 1,3-Dichloropropane	11.40	76	137379	25.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	260560	139.952	ug/l	100
59) 2-Hexanone	11.53	43	257882	121.354	ug/l	100
60) Dibromochloromethane	11.69	129	162465	23.627	ug/l	94
61) 1,2-Dibromoethane	11.80	107	103637	24.859	ug/l	97
64) Tetrachloroethene	11.25	164	146748	26.348	ug/l	98
65) Chlorobenzene	12.39	112	290453	22.070	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.51	131	140206	22.338	ug/l	92
67) Ethyl Benzene	12.52	91	526701	22.573	ug/l	99
68) m/p-Xylenes	12.67	106	368722	44.949	ug/l	98
69) o-Xylene	13.04	106	162219	21.532	ug/l	92
70) Styrene	13.07	104	298674	22.219	ug/l	95
71) Bromoform	13.23	173	109252	24.236	ug/l	99
73) Isopropylbenzene	13.40	105	535640	23.720	ug/l	99
74) N-amyl acetate	13.26	43	132509	21.712	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	96164	24.888	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	107089	24.652	ug/l	98
77) Bromobenzene	13.67	156	157428	24.391	ug/l	93
78) n-propylbenzene	13.77	91	619107	22.398	ug/l	100
79) 2-Chlorotoluene	13.84	91	389342	24.056	ug/l	97
80) 1,3,5-Trimethylbenzene	13.93	105	469464	23.523	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	24010	21.080	ug/l	97
82) 4-Chlorotoluene	13.95	91	460762	23.806	ug/l	96
83) tert-Butylbenzene	14.19	119	500843	22.753	ug/l	89
84) 1,2,4-Trimethylbenzene	14.24	105	461892	23.375	ug/l	96
85) sec-Butylbenzene	14.36	105	580239	25.138	ug/l	99
86) p-Isopropyltoluene	14.49	119	536565	23.876	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	270039	23.095	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	272966	24.702	ug/l	94
89) n-Butylbenzene	14.80	91	472994	23.395	ug/l	98
90) Hexachloroethane	15.00	117	144597	24.372	ug/l	73
91) 1,2-Dichlorobenzene	14.81	146	242102	24.909	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	18820	22.803	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	189153	24.872	ug/l	97
94) Hexachlorobutadiene	16.04	225	140104	24.415	ug/l	98
95) Naphthalene	16.13	128	279456	25.831	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	152795	27.293	ug/l	95

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

