

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061413.D
 Acq On : 29 Mar 2019 3:51
 Operator : VA/AP
 Sample : VD0328SBS02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS02

Quant Time: Mar 29 05:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	593189	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1074947	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	836474	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	435762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	294379	58.09	ug/l	0.02
Spiked Amount 50.000			Recovery =	116.18%		
35) Dibromofluoromethane	6.92	113	443046	53.93	ug/l	0.02
Spiked Amount 50.000			Recovery =	107.86%		
50) Toluene-d8	10.41	98	1042890	52.93	ug/l	0.02
Spiked Amount 50.000			Recovery =	105.86%		
62) 4-Bromofluorobenzene	13.55	95	387937	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.70%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	130556	20.609	ug/l	99
3) Chloromethane	1.77	50	112560	21.786	ug/l	94
4) Vinyl Chloride	1.86	62	104533	22.036	ug/l	98
5) Bromomethane	2.16	94	18702	19.881	ug/l #	97
6) Chloroethane	2.27	64	26637	19.148	ug/l #	86
7) Trichlorofluoromethane	2.53	101	147759	21.420	ug/l	95
8) Diethyl Ether	2.88	74	49925	22.479	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	150451	20.287	ug/l	97
10) Methyl Iodide	3.32	142	186837	18.889	ug/l	98
11) Tert butyl alcohol	4.07	59	33750	106.948	ug/l #	91
12) 1,1-Dichloroethene	3.13	96	131442	20.644	ug/l	99
13) Acrolein	3.05	56	27781	101.975	ug/l	95
14) Allyl chloride	3.63	41	189084	21.292	ug/l	96
15) Acrylonitrile	4.20	53	121934	111.326	ug/l	95
16) Acetone	3.23	43	114587	87.966	ug/l	100
17) Carbon Disulfide	3.38	76	446821	21.599	ug/l	99
18) Methyl Acetate	3.65	43	59853	21.854	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	258688	23.471	ug/l	99
20) Methylene Chloride	3.82	84	192573	25.447	ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	153328	22.305	ug/l	98
22) Diisopropyl ether	5.12	45	430239	22.894	ug/l	97
23) Vinyl Acetate	5.06	43	1131924	110.885	ug/l	100
24) 1,1-Dichloroethane	4.99	63	239348	21.672	ug/l	99
25) 2-Butanone	6.07	43	168215	102.659	ug/l	97
26) 2,2-Dichloropropane	6.03	77	177881	20.261	ug/l	95
27) cis-1,2-Dichloroethene	6.04	96	172528	22.907	ug/l	98
28) Bromochloromethane	6.44	49	93912	21.065	ug/l #	89
29) Tetrahydrofuran	6.46	42	93915	118.249	ug/l	98
30) Chloroform	6.67	83	267283	23.422	ug/l	97
31) Cyclohexane	6.95	56	197355	22.613	ug/l	96
32) 1,1,1-Trichloroethane	6.88	97	219916	21.844	ug/l	97
36) 1,1-Dichloropropene	7.15	75	193451	20.620	ug/l	99
37) Ethyl Acetate	6.19	43	86652	21.596	ug/l	97
38) Carbon Tetrachloride	7.11	117	217129	20.141	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	184523	18.884	ug/l	95
40) Benzene	7.46	78	510832	21.695	ug/l	96
41) Methacrylonitrile	6.44	41	105073	22.397	ug/l #	94
42) 1,2-Dichloroethane	7.57	62	151194	21.467	ug/l	95
43) Isopropyl Acetate	9.24	43	118528	20.303	ug/l	94
44) Trichloroethene	8.54	130	182657	20.845	ug/l	99
45) 1,2-Dichloropropane	8.93	63	128489	21.520	ug/l	100
46) Dibromomethane	9.06	93	88963	22.138	ug/l	92
47) Bromodichloromethane	9.38	83	211272	23.424	ug/l	100
48) Methyl methacrylate	9.11	41	71290	22.127	ug/l	95
49) 1,4-Dioxane	9.07	88	15497	436.077	ug/l #	84
51) 4-Methyl-2-Pentanone	10.30	43	406884	114.558	ug/l	100
52) Toluene	10.51	92	323847	22.545	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	176812	21.576	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	199563	19.999	ug/l	94
55) 1,1,2-Trichloroethane	11.19	97	118210	23.531	ug/l	93
56) Ethyl methacrylate	11.04	69	117943	21.854	ug/l	97
57) 1,3-Dichloropropane	11.40	76	161807	21.914	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	271390	103.261	ug/l	98
59) 2-Hexanone	11.53	43	261498	101.617	ug/l	99
60) Dibromochloromethane	11.68	129	167009	21.565	ug/l	98
61) 1,2-Dibromoethane	11.80	107	138058	23.733	ug/l	95
64) Tetrachloroethene	11.26	164	150040	22.855	ug/l	99
65) Chlorobenzene	12.40	112	402322	23.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	152595	23.054	ug/l	96
67) Ethyl Benzene	12.52	91	613316	23.505	ug/l	97
68) m/p-Xylenes	12.66	106	445281	45.050	ug/l	98
69) o-Xylene	13.05	106	217281	22.653	ug/l	98
70) Styrene	13.07	104	384332	22.986	ug/l	98
71) Bromoform	13.23	173	91392	21.782	ug/l	99
73) Isopropylbenzene	13.40	105	633302	20.881	ug/l	99
74) N-amyl acetate	13.26	43	166607	19.720	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	122453	19.140	ug/l	94
76) 1,2,3-Trichloropropane	13.73	75	117569	18.678	ug/l	98
77) Bromobenzene	13.67	156	173773	19.327	ug/l	90
78) n-propylbenzene	13.77	91	686736	18.503	ug/l	94
79) 2-Chlorotoluene	13.84	91	394120	19.557	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	495603	21.061	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	37290	19.429	ug/l	95
82) 4-Chlorotoluene	13.94	91	473691	21.617	ug/l	94
83) tert-Butylbenzene	14.19	119	540366	18.375	ug/l	94
84) 1,2,4-Trimethylbenzene	14.24	105	519500	20.392	ug/l	97
85) sec-Butylbenzene	14.37	105	596973	19.108	ug/l	98
86) p-Isopropyltoluene	14.49	119	553426	20.949	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	310350	20.383	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	309408	20.838	ug/l	96
89) n-Butylbenzene	14.79	91	446134	18.399	ug/l	97
90) Hexachloroethane	15.01	117	146615	19.645	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	244964	19.615	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14574	19.422	ug/l	74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	134585	23.657	ug/l	94
94) Hexachlorobutadiene	16.04	225	89728	20.184	ug/l	97
95) Naphthalene	16.12	128	199016	22.950	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	62535	24.980	ug/l	98

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

