

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062460.D
 Acq On : 20 May 2019 17:04
 Operator : FY/SY
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD052019

Quant Time: May 20 17:28:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 20 17:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	781164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1097144	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	862305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	453446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	432822	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	6.94	113	511845	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
50) Toluene-d8	10.43	98	1163504	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	13.56	95	495250	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	371028	50.856	ug/l	100
3) Chloromethane	1.76	50	269268	49.758	ug/l	98
4) Vinyl Chloride	1.85	62	265856	46.686	ug/l	100
5) Bromomethane	2.16	94	137235	55.849	ug/l	98
6) Chloroethane	2.28	64	127347	46.229	ug/l	98
7) Trichlorofluoromethane	2.54	101	626943	47.650	ug/l	99
8) Diethyl Ether	2.89	74	83904	47.273	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.15	101	410968	52.502	ug/l	96
10) Methyl Iodide	3.32	142	570619	52.280	ug/l #	85
11) Tert butyl alcohol	4.10	59	96453	249.898	ug/l	98
12) 1,1-Dichloroethene	3.13	96	312284	53.981	ug/l	85
13) Acrolein	3.05	56	67189	209.620	ug/l	94
14) Allyl chloride	3.64	41	466979	54.746	ug/l #	82
15) Acrylonitrile	4.22	53	245112	277.142	ug/l #	84
16) Acetone	3.23	43	424680	283.417	ug/l #	82
17) Carbon Disulfide	3.39	76	919699	52.493	ug/l	99
18) Methyl Acetate	3.66	43	132018	51.058	ug/l	97
19) Methyl tert-butyl Ether	4.27	73	703012	52.614	ug/l #	91
20) Methylene Chloride	3.83	84	318823	49.849	ug/l	94
21) trans-1,2-Dichloroethene	4.24	96	360425	53.219	ug/l	92
22) Diisopropyl ether	5.14	45	1016706	55.998	ug/l	94
23) Vinyl Acetate	5.08	43	3045284	277.577	ug/l	98
24) 1,1-Dichloroethane	5.00	63	626817	53.605	ug/l	100
25) 2-Butanone	6.10	43	449349	286.718	ug/l	93
26) 2,2-Dichloropropane	6.05	77	696590	55.263	ug/l	94
27) cis-1,2-Dichloroethene	6.06	96	417344	57.149	ug/l	92
28) Bromochloromethane	6.46	49	215366	51.317	ug/l	95
29) Tetrahydrofuran	6.48	42	203274	271.582	ug/l	95
30) Chloroform	6.69	83	787689	52.838	ug/l	100
31) Cyclohexane	6.97	56	429093	54.348	ug/l	97
32) 1,1,1-Trichloroethane	6.89	97	793444	52.719	ug/l	99
36) 1,1-Dichloropropene	7.17	75	529199	50.451	ug/l	96
37) Ethyl Acetate	6.20	43	207502	50.921	ug/l #	92
38) Carbon Tetrachloride	7.13	117	850681	52.941	ug/l	96

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39) Methylcyclohexane	8.88	83	497898	57.549	ug/l	93
40) Benzene	7.47	78	1079602	52.471	ug/l	97
41) Methacrylonitrile	6.48	41	256228	50.066	ug/l #	78
42) 1,2-Dichloroethane	7.60	62	531696	48.801	ug/l	94
43) Isopropyl Acetate	9.25	43	282288	52.219	ug/l #	98
44) Trichloroethene	8.56	130	427797	51.929	ug/l	84
45) 1,2-Dichloropropane	8.96	63	279341	55.711	ug/l	96
46) Dibromomethane	9.08	93	225668	49.651	ug/l	95
47) Bromodichloromethane	9.39	83	578616	50.043	ug/l	99
48) Methyl methacrylate	9.14	41	190593	52.391	ug/l #	83
49) 1,4-Dioxane	9.10	88	36578	1120.971	ug/l #	94
51) 4-Methyl-2-Pentanone	10.32	43	873960	244.722	ug/l	95
52) Toluene	10.52	92	741511	52.644	ug/l	100
53) t-1,3-Dichloropropene	10.93	75	485535	50.439	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	536495	53.412	ug/l #	86
55) 1,1,2-Trichloroethane	11.20	97	248406	52.035	ug/l	98
56) Ethyl methacrylate	11.06	69	261005	51.144	ug/l #	88
57) 1,3-Dichloropropane	11.42	76	347853	47.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.87	63	600167	229.025	ug/l	98
59) 2-Hexanone	11.55	43	683684	263.411	ug/l	94
60) Dibromochloromethane	11.71	129	460201	50.190	ug/l	96
61) 1,2-Dibromoethane	11.82	107	305601	51.945	ug/l	91
64) Tetrachloroethene	11.27	164	391214	54.184	ug/l	96
65) Chlorobenzene	12.41	112	861630	51.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	426397	55.705	ug/l	96
67) Ethyl Benzene	12.53	91	1644995	57.593	ug/l	97
68) m/p-Xylenes	12.68	106	1080841	105.420	ug/l	89
69) o-Xylene	13.06	106	505374	52.242	ug/l	93
70) Styrene	13.08	104	903941	54.928	ug/l	95
71) Bromoform	13.24	173	287193	56.496	ug/l	98
73) Isopropylbenzene	13.42	105	1485401	51.969	ug/l	98
74) N-amyl acetate	13.27	43	390763	55.354	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	260946	50.605	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	281076	52.625	ug/l	99
77) Bromobenzene	13.68	156	441951	54.507	ug/l	95
78) n-propylbenzene	13.78	91	1716260	51.838	ug/l	96
79) 2-Chlorotoluene	13.85	91	1100989	54.798	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	1381152	55.808	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.49	75	78996	52.443	ug/l #	82
82) 4-Chlorotoluene	13.96	91	1298298	56.109	ug/l	92
83) tert-Butylbenzene	14.19	119	1478811	53.870	ug/l	91
84) 1,2,4-Trimethylbenzene	14.24	105	1244561	49.078	ug/l	90
85) sec-Butylbenzene	14.37	105	1582509	55.286	ug/l	97
86) p-Isopropyltoluene	14.50	119	1388571	53.530	ug/l	94
87) 1,3-Dichlorobenzene	14.46	146	713420	49.825	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	704889	51.016	ug/l	95
89) n-Butylbenzene	14.80	91	1355383	54.141	ug/l	94
90) Hexachloroethane	15.01	117	390869	54.523	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	666543	54.745	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	51340	52.453	ug/l	76

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93) 1,2,4-Trichlorobenzene	15.96	180	532104	55.503	ug/l	97
94) Hexachlorobutadiene	16.04	225	391112	55.252	ug/l	98
95) Naphthalene	16.13	128	768697	58.681	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	406630	51.739	ug/l	96

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

