

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060719\
 Data File : VD062637.D
 Acq On : 7 Jun 2019 11:47
 Operator : FY/SY
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 07 23:30:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 23:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	672610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	938687	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	782513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	448068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	194692	19.89	ug/l	0.00
Spiked Amount			Recovery	=	39.78%	
35) Dibromofluoromethane	6.92	113	202615	20.46	ug/l	0.00
Spiked Amount			Recovery	=	40.92%	
50) Toluene-d8	10.41	98	407371	19.32	ug/l	0.00
Spiked Amount			Recovery	=	38.64%	
62) 4-Bromofluorobenzene	13.56	95	186830	18.68	ug/l	0.00
Spiked Amount			Recovery	=	37.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	185214	21.394	ug/l	97
3) Chloromethane	1.75	50	124019	18.292	ug/l	99
4) Vinyl Chloride	1.85	62	132516	19.345	ug/l	96
5) Bromomethane	2.15	94	57104	16.618	ug/l	97
6) Chloroethane	2.25	64	67623	19.106	ug/l	95
7) Trichlorofluoromethane	2.53	101	310409	19.938	ug/l	98
8) Diethyl Ether	2.87	74	37381	17.607	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.15	101	164561	19.061	ug/l	93
10) Methyl Iodide	3.30	142	185964	16.896	ug/l	92
11) Tert butyl alcohol	4.09	59	36076	84.932	ug/l #	74
12) 1,1-Dichloroethene	3.12	96	118251	19.657	ug/l	92
13) Acrolein	3.03	56	13094	111.541	ug/l #	73
14) Allyl chloride	3.61	41	170996	18.488	ug/l	94
15) Acrylonitrile	4.20	53	84282	91.650	ug/l	96
16) Acetone	3.23	43	145414	79.963	ug/l	99
17) Carbon Disulfide	3.37	76	315394	17.546	ug/l	95
18) Methyl Acetate	3.65	43	59420	20.079	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	280669	18.919	ug/l	94
20) Methylene Chloride	3.81	84	127484	18.798	ug/l #	91
21) trans-1,2-Dichloroethene	4.21	96	129025	19.148	ug/l #	84
22) Diisopropyl ether	5.12	45	356241	18.818	ug/l #	96
23) Vinyl Acetate	5.05	43	1127849	94.421	ug/l	98
24) 1,1-Dichloroethane	4.98	63	238121	19.050	ug/l	96
25) 2-Butanone	6.07	43	161830	91.300	ug/l	95
26) 2,2-Dichloropropane	6.02	77	271504	18.775	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	137713	19.205	ug/l	98
28) Bromochloromethane	6.44	49	86648	19.359	ug/l	97
29) Tetrahydrofuran	6.46	42	74149	92.961	ug/l	95
30) Chloroform	6.66	83	305125	18.963	ug/l	98
31) Cyclohexane	6.95	56	148198	19.344	ug/l	95
32) 1,1,1-Trichloroethane	6.87	97	318334	19.563	ug/l	96
36) 1,1-Dichloropropene	7.15	75	197427	17.660	ug/l	96
37) Ethyl Acetate	6.18	43	80498	16.517	ug/l	98
38) Carbon Tetrachloride	7.11	117	302907	17.166	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	152780	17.173	ug/l	86
40) Benzene	7.45	78	375289	17.622	ug/l	98
41) Methacrylonitrile	6.45	41	105834	18.119	ug/l #	94
42) 1,2-Dichloroethane	7.58	62	228542	17.894	ug/l	99
43) Isopropyl Acetate	9.23	43	98002	17.125	ug/l #	92
44) Trichloroethene	8.53	130	158478	18.028	ug/l	92
45) 1,2-Dichloropropane	8.94	63	88022	17.037	ug/l	97
46) Dibromomethane	9.07	93	85936	18.573	ug/l #	85
47) Bromodichloromethane	9.37	83	227231	18.089	ug/l	99
48) Methyl methacrylate	9.13	41	76818	18.031	ug/l #	87
49) 1,4-Dioxane	9.08	88	11974	355.783	ug/l	90
51) 4-Methyl-2-Pentanone	10.30	43	358662	88.261	ug/l	96
52) Toluene	10.50	92	256982	17.635	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	182224	17.623	ug/l	93
54) cis-1,3-Dichloropropene	10.04	75	186889	17.467	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	86444	17.753	ug/l	95
56) Ethyl methacrylate	11.04	69	88275	16.586	ug/l	95
57) 1,3-Dichloropropane	11.41	76	129631	16.928	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	270514	101.130	ug/l	100
59) 2-Hexanone	11.53	43	280861	91.822	ug/l	94
60) Dibromochloromethane	11.68	129	174666	18.060	ug/l	100
61) 1,2-Dibromoethane	11.80	107	109085	18.473	ug/l	96
64) Tetrachloroethene	11.26	164	124795	16.798	ug/l	97
65) Chlorobenzene	12.39	112	304612	17.377	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	150501	17.917	ug/l	97
67) Ethyl Benzene	12.52	91	580976	18.642	ug/l	95
68) m/p-Xylenes	12.67	106	399861	36.567	ug/l	92
69) o-Xylene	13.04	106	191345	18.643	ug/l	99
70) Styrene	13.07	104	326069	17.817	ug/l	97
71) Bromoform	13.23	173	102280	17.518	ug/l #	97
73) Isopropylbenzene	13.40	105	604809	18.538	ug/l	99
74) N-amyl acetate	13.26	43	154664	17.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	102195	18.514	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	109456	17.706	ug/l	99
77) Bromobenzene	13.67	156	169555	18.471	ug/l	96
78) n-propylbenzene	13.77	91	719117	18.208	ug/l	100
79) 2-Chlorotoluene	13.84	91	396853	17.223	ug/l	98
80) 1,3,5-Trimethylbenzene	13.93	105	534105	18.757	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	28481	17.886	ug/l	98
82) 4-Chlorotoluene	13.95	91	524359	18.915	ug/l	99
83) tert-Butylbenzene	14.19	119	575138	18.104	ug/l	89
84) 1,2,4-Trimethylbenzene	14.23	105	539957	18.875	ug/l	98
85) sec-Butylbenzene	14.36	105	578696	17.516	ug/l	94
86) p-Isopropyltoluene	14.49	119	578375	18.045	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	293265	17.272	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	295816	18.548	ug/l	97
89) n-Butylbenzene	14.80	91	521615	17.861	ug/l	97
90) Hexachloroethane	15.00	117	155908	18.467	ug/l	77
91) 1,2-Dichlorobenzene	14.81	146	247530	17.738	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	20455	16.780	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	184745	17.450	ug/l	96
94) Hexachlorobutadiene	16.04	225	144001	17.226	ug/l	98
95) Naphthalene	16.12	128	264654	17.994	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	145739	18.170	ug/l	93

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

