

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065773.D
 Acq On : 05 Jun 2020 13:40
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD060520

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 4:12:50 PM

Quant Time: Jun 05 15:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	242890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	377687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	344860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	120056	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.92	113	118957	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.34	98	462183	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.64	95	154679	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80109	48.96	ug/l	98
3) Chloromethane	2.21	50	145339	53.86	ug/l	99
4) Vinyl Chloride	2.35	62	167329	46.69	ug/l	96
5) Bromomethane	2.77	94	115077	45.92	ug/l	94
6) Chloroethane	2.93	64	113335	46.77	ug/l	98
7) Trichlorofluoromethane	3.27	101	193481	47.65	ug/l	98
8) Diethyl Ether	3.71	74	50642	47.44	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	113421	46.85	ug/l	100
10) Methyl Iodide	4.30	142	113400	48.10	ug/l	99
11) Tert butyl alcohol	5.21	59	31532	231.80	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	106037	48.06	ug/l	95
13) Acrolein	3.92	56	27234	202.02	ug/l	98
14) Allyl chloride	4.71	41	180678	49.54	ug/l	99
15) Acrylonitrile	5.42	53	112844	232.76	ug/l	98
16) Acetone	4.16	43	130486	288.22	ug/l	96
17) Carbon Disulfide	4.41	76	350895	47.38	ug/l	100
18) Methyl Acetate	4.71	43	49327	48.17	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	242171	48.45	ug/l	93
20) Methylene Chloride	4.96	84	120638	50.19	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	125428	48.54	ug/l	97
22) Diisopropyl ether	6.36	45	365031	49.54	ug/l	93
23) Vinyl Acetate	6.31	43	1072209	257.68	ug/l	98
24) 1,1-Dichloroethane	6.27	63	210829	46.96	ug/l	99
25) 2-Butanone	7.21	43	158212	253.04	ug/l	93
26) 2,2-Dichloropropane	7.21	77	196693	49.41	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	136080	48.95	ug/l	99
28) Bromochloromethane	7.55	49	85042	49.04	ug/l	100
29) Tetrahydrofuran	7.56	42	94358	238.78	ug/l	97
30) Chloroform	7.71	83	225217	48.39	ug/l	97
31) Cyclohexane	7.98	56	205879	47.83	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	209689	49.00	ug/l	98
36) 1,1-Dichloropropene	8.11	75	180751	49.96	ug/l	99
37) Ethyl Acetate	7.30	43	68508	48.07	ug/l	98
38) Carbon Tetrachloride	8.10	117	192551	50.57	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	220561	51.49	ug/l	98
40) Benzene	8.36	78	483703	48.90	ug/l	98
41) Methacrylonitrile	7.53	41	38805m	45.73	ug/l	
42) 1,2-Dichloroethane	8.43	62	142924	47.89	ug/l	100
43) Isopropyl Acetate	8.46	43	137079	48.37	ug/l	98
44) Trichloroethene	9.11	130	139087	50.53	ug/l	96
45) 1,2-Dichloropropane	9.39	63	120944	48.66	ug/l	97
46) Dibromomethane	9.48	93	64580	47.91	ug/l	99
47) Bromodichloromethane	9.67	83	172274	47.70	ug/l	99
48) Methyl methacrylate	9.46	41	68742	50.12	ug/l	99
49) 1,4-Dioxane	9.46	88	13633	950.27	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	341680	246.06	ug/l	98
52) Toluene	10.41	92	325199	50.60	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	163933	50.12	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	191802	49.65	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	89501	49.70	ug/l	94
56) Ethyl methacrylate	10.66	69	109188	51.54	ug/l	99
57) 1,3-Dichloropropane	10.95	76	149311	47.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	248924	252.76	ug/l	100
59) 2-Hexanone	10.99	43	242495	259.03	ug/l	99
60) Dibromochloromethane	11.14	129	118806	48.83	ug/l	100
61) 1,2-Dibromoethane	11.25	107	87558	49.47	ug/l	100
64) Tetrachloroethene	10.88	164	118735	50.92	ug/l	98
65) Chlorobenzene	11.67	112	339203	50.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	124245	49.51	ug/l	99
67) Ethyl Benzene	11.75	91	619679	51.52	ug/l	97
68) m/p-Xylenes	11.86	106	477692	103.11	ug/l	100
69) o-Xylene	12.18	106	221782	53.10	ug/l	97
70) Styrene	12.20	104	378826	52.39	ug/l	99
71) Bromoform	12.37	173	69165	50.05	ug/l #	98
73) Isopropylbenzene	12.48	105	609522	51.61	ug/l	99
74) N-amyl acetate	12.29	43	131499	50.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	97162	48.71	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	72714m	53.08	ug/l	
77) Bromobenzene	12.77	156	142038	50.83	ug/l	99
78) n-propylbenzene	12.83	91	731075	51.43	ug/l	98
79) 2-Chlorotoluene	12.91	91	394911	50.64	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	512233	52.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32107	50.64	ug/l	96
82) 4-Chlorotoluene	13.01	91	424692	50.73	ug/l	99
83) tert-Butylbenzene	13.23	119	442002	51.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	502946	51.13	ug/l	99
85) sec-Butylbenzene	13.41	105	619828	52.23	ug/l	100
86) p-Isopropyltoluene	13.52	119	576091	52.96	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	280847	50.97	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	269399	49.15	ug/l	99
89) n-Butylbenzene	13.85	91	540813	52.13	ug/l	100
90) Hexachloroethane	14.12	117	108339	49.76	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	235382	49.64	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16235	48.91	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	171304	53.13	ug/l	98
94) Hexachlorobutadiene	15.28	225	99739	51.18	ug/l	97
95) Naphthalene	15.41	128	277581	50.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	143529	51.69	ug/l	98

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

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