

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066429.D
 Acq On : 27 Aug 2020 11:37
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:18:58 PM

Quant Time: Aug 27 18:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	181487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	240854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	116824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	102080	57.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.74%	
35) Dibromofluoromethane	7.91	113	79764	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.34	98	301182	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.63	95	106176	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73359	47.546	ug/l	99
3) Chloromethane	2.21	50	45020	41.164	ug/l	98
4) Vinyl Chloride	2.35	62	56321	47.964	ug/l	95
5) Bromomethane	2.76	94	48352	55.052	ug/l	100
6) Chloroethane	2.91	64	36646	48.738	ug/l	97
7) Trichlorofluoromethane	3.27	101	170687	53.455	ug/l	98
8) Diethyl Ether	3.70	74	33870	47.342	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	76414	48.492	ug/l	95
10) Methyl Iodide	4.30	142	75456	41.984	ug/l	90
11) Tert butyl alcohol	5.23	59	33301	342.795	ug/l #	86
12) 1,1-Dichloroethene	4.06	96	68902	46.581	ug/l	97
13) Acrolein	3.91	56	16639	210.589	ug/l	99
14) Allyl chloride	4.71	41	85831	43.474	ug/l	87
15) Acrylonitrile	5.42	53	64886	226.047	ug/l	96
16) Acetone	4.16	43	90885	283.327	ug/l	94
17) Carbon Disulfide	4.40	76	202353	45.140	ug/l	100
18) Methyl Acetate	4.71	43	26119	43.383	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	181385	50.926	ug/l	95
20) Methylene Chloride	4.97	84	77176	44.301	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	81827	47.523	ug/l	96
22) Diisopropyl ether	6.36	45	165673	43.341	ug/l	95
23) Vinyl Acetate	6.30	43	550202	232.506	ug/l	98
24) 1,1-Dichloroethane	6.26	63	126619	46.873	ug/l	99
25) 2-Butanone	7.21	43	85367	234.420	ug/l	96
26) 2,2-Dichloropropane	7.20	77	156613	54.093	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	88274	47.846	ug/l	99
28) Bromochloromethane	7.54	49	42833	46.033	ug/l	91
29) Tetrahydrofuran	7.56	42	44844	216.806	ug/l	92
30) Chloroform	7.71	83	155224	49.665	ug/l	99
31) Cyclohexane	7.98	56	101016	40.888	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	172332	53.875	ug/l	99
36) 1,1-Dichloropropene	8.11	75	114264	51.994	ug/l	99
37) Ethyl Acetate	7.29	43	38265	51.194	ug/l #	94
38) Carbon Tetrachloride	8.09	117	170948	59.706	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	135131	52.199	ug/l	96
40) Benzene	8.34	78	293250	50.724	ug/l	99
41) Methacrylonitrile	7.52	41	22072m	47.885	ug/l	
42) 1,2-Dichloroethane	8.42	62	114386	56.177	ug/l	99
43) Isopropyl Acetate	8.45	43	77098	51.390	ug/l	97
44) Trichloroethene	9.11	130	96141	51.178	ug/l	89
45) 1,2-Dichloropropane	9.38	63	59519	45.412	ug/l	97
46) Dibromomethane	9.47	93	42029	51.504	ug/l	99
47) Bromodichloromethane	9.66	83	123860	55.192	ug/l	98
48) Methyl methacrylate	9.45	41	36752	47.506	ug/l #	90
49) 1,4-Dioxane	9.46	88	9768	1030.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	181964	250.723	ug/l	99
52) Toluene	10.40	92	206747	52.784	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	116104	54.524	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	123479	51.661	ug/l	90
55) 1,1,2-Trichloroethane	10.80	97	53759	48.663	ug/l	92
56) Ethyl methacrylate	10.66	69	66508	52.006	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	93070	50.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	134118	252.507	ug/l	94
59) 2-Hexanone	10.98	43	136302	266.255	ug/l	98
60) Dibromochloromethane	11.14	129	88500	53.147	ug/l	99
61) 1,2-Dibromoethane	11.24	107	54617	50.238	ug/l	99
64) Tetrachloroethene	10.87	164	88690	53.131	ug/l	93
65) Chlorobenzene	11.67	112	225103	51.419	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	94183	52.643	ug/l	98
67) Ethyl Benzene	11.74	91	412630	53.546	ug/l	98
68) m/p-Xylenes	11.85	106	316671	107.813	ug/l	98
69) o-Xylene	12.18	106	145354	53.195	ug/l	98
70) Styrene	12.20	104	248739	53.016	ug/l	98
71) Bromoform	12.36	173	53496	52.704	ug/l #	99
73) Isopropylbenzene	12.48	105	419450	53.597	ug/l	99
74) N-amyl acetate	12.28	43	71070	50.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	51984	46.499	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	39916m	48.568	ug/l	
77) Bromobenzene	12.76	156	106091	53.411	ug/l	96
78) n-propylbenzene	12.82	91	465961	51.928	ug/l	98
79) 2-Chlorotoluene	12.91	91	264975	51.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	366609	54.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18701	48.300	ug/l #	82
82) 4-Chlorotoluene	13.00	91	279976	51.563	ug/l	98
83) tert-Butylbenzene	13.23	119	315993	53.840	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	362997	54.694	ug/l	98
85) sec-Butylbenzene	13.40	105	413444	53.766	ug/l	98
86) p-Isopropyltoluene	13.52	119	406915	54.879	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	191906	51.757	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	191869	51.537	ug/l	99
89) n-Butylbenzene	13.84	91	346086	52.894	ug/l	98
90) Hexachloroethane	14.11	117	74454	50.832	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	165945	51.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12899	55.012	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	130907	52.533	ug/l	98
94) Hexachlorobutadiene	15.27	225	85811	55.413	ug/l	99
95) Naphthalene	15.41	128	214819	54.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	115609	54.158	ug/l	99

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

