

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066355.D
 Acq On : 21 Aug 2020 12:20
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:36:36 PM

Quant Time: Aug 21 12:55:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	250163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	351627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	166714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	122828	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.91	113	112062	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.34	98	412684	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.63	95	145285	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	99512	44.992	ug/l	100
3) Chloromethane	2.20	50	69811	41.091	ug/l	100
4) Vinyl Chloride	2.35	62	76877	49.764	ug/l	100
5) Bromomethane	2.77	94	56890	54.816	ug/l	100
6) Chloroethane	2.92	64	49521	51.797	ug/l	100
7) Trichlorofluoromethane	3.27	101	211852	52.246	ug/l	100
8) Diethyl Ether	3.71	74	47914	43.663	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	103561	44.575	ug/l	100
10) Methyl Iodide	4.30	142	129481	68.263	ug/l	100
11) Tert butyl alcohol	5.21	59	34840	154.874	ug/l	100
12) 1,1-Dichloroethene	4.07	96	99967	45.468	ug/l	100
13) Acrolein	3.92	56	26577	157.488	ug/l	100
14) Allyl chloride	4.71	41	134849	41.299	ug/l	100
15) Acrylonitrile	5.42	53	97726	212.616	ug/l	100
16) Acetone	4.16	43	108745	256.021	ug/l	100
17) Carbon Disulfide	4.41	76	304003	43.750	ug/l	100
18) Methyl Acetate	4.71	43	40337	38.478	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	247610	48.676	ug/l	100
20) Methylene Chloride	4.97	84	119220	41.513	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	113588	45.038	ug/l	100
22) Diisopropyl ether	6.36	45	268531	41.593	ug/l	100
23) Vinyl Acetate	6.30	43	847266	222.439	ug/l	100
24) 1,1-Dichloroethane	6.26	63	180593	44.519	ug/l	100
25) 2-Butanone	7.21	43	123533	203.538	ug/l	100
26) 2,2-Dichloropropane	7.21	77	197984	52.566	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	124885	47.039	ug/l	100
28) Bromochloromethane	7.54	49	65395	46.031	ug/l	100
29) Tetrahydrofuran	7.56	42	72052	194.530	ug/l	100
30) Chloroform	7.70	83	214726	49.433	ug/l	100
31) Cyclohexane	7.98	56	156949	40.832	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	218329	52.943	ug/l	100
36) 1,1-Dichloropropene	8.11	75	158906	48.240	ug/l	100
37) Ethyl Acetate	7.28	43	54879	42.635	ug/l	100
38) Carbon Tetrachloride	8.09	117	208723	55.008	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	197807	49.466	ug/l	100
40) Benzene	8.34	78	428253	46.959	ug/l	100
41) Methacrylonitrile	7.54	41	36695m	47.636	ug/l	
42) 1,2-Dichloroethane	8.42	62	150557	54.519	ug/l	100
43) Isopropyl Acetate	8.45	43	111790	44.028	ug/l	100
44) Trichloroethene	9.11	130	135999	49.075	ug/l	100
45) 1,2-Dichloropropane	9.38	63	97214	44.057	ug/l	100
46) Dibromomethane	9.47	93	60846	49.382	ug/l	100
47) Bromodichloromethane	9.66	83	166349	50.595	ug/l	100
48) Methyl methacrylate	9.46	41	55674	43.573	ug/l	100
49) 1,4-Dioxane	9.46	88	15126	959.430	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	277186	214.518	ug/l	100
52) Toluene	10.40	92	295968	49.150	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	159884	51.260	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	179581	49.474	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	80367	45.604	ug/l	100
56) Ethyl methacrylate	10.66	69	99300	47.171	ug/l	100
57) 1,3-Dichloropropane	10.94	76	135513	46.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	204959	219.433	ug/l	100
59) 2-Hexanone	10.98	43	202811	222.620	ug/l	100
60) Dibromochloromethane	11.14	129	121028	49.282	ug/l	100
61) 1,2-Dibromoethane	11.24	107	78588	46.478	ug/l	100
64) Tetrachloroethene	10.87	164	121758	49.334	ug/l	100
65) Chlorobenzene	11.67	112	325059	49.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	129969	50.767	ug/l	100
67) Ethyl Benzene	11.74	91	580887	51.195	ug/l	100
68) m/p-Xylenes	11.85	106	443807	101.446	ug/l	100
69) o-Xylene	12.18	106	199575	50.228	ug/l	100
70) Styrene	12.20	104	350444	50.378	ug/l	100
71) Bromoform	12.36	173	74377	49.287	ug/l #	100
73) Isopropylbenzene	12.48	105	570431	51.006	ug/l	100
74) N-amyl acetate	12.29	43	106456	44.554	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	79987	42.888	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	59288m	43.111	ug/l	
77) Bromobenzene	12.76	156	145205	50.413	ug/l	100
78) n-propylbenzene	12.82	91	648755	50.026	ug/l	100
79) 2-Chlorotoluene	12.91	91	367293	49.640	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	498981	53.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28787	46.358	ug/l	100
82) 4-Chlorotoluene	13.01	91	394678	50.372	ug/l	100
83) tert-Butylbenzene	13.23	119	425503	51.743	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	482918	51.586	ug/l	100
85) sec-Butylbenzene	13.40	105	564001	50.866	ug/l	100
86) p-Isopropyltoluene	13.52	119	542900	51.931	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	266256	49.256	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	263472	49.005	ug/l	100
89) n-Butylbenzene	13.85	91	482608	51.689	ug/l	100
90) Hexachloroethane	14.11	117	103295	49.646	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	228506	48.058	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16092	48.891	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182633	51.645	ug/l	100
94) Hexachlorobutadiene	15.27	225	113166	53.666	ug/l	100
95) Naphthalene	15.41	128	293556	51.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	158755	51.016	ug/l	100

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

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