

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061763.D
 Acq On : 11 Jun 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:28 PM

Quant Time: Jun 12 06:41:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	333633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	258065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	178142	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	7.55	113	139792	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.06	98	626493	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.38	95	224128	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186605	48.478	ug/l	96
3) Chloromethane	2.03	50	175489	43.126	ug/l	98
4) Vinyl Chloride	2.16	62	247793	44.436	ug/l	100
5) Bromomethane	2.52	94	157353	49.176	ug/l	99
6) Chloroethane	2.66	64	167464	46.656	ug/l	99
7) Trichlorofluoromethane	2.98	101	399920	55.615	ug/l	99
8) Diethyl Ether	3.37	74	104723	47.627	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163772	51.323	ug/l	93
10) Methyl Iodide	3.91	142	230444	52.023	ug/l	97
11) Tert butyl alcohol	4.73	59	144072	272.490	ug/l	98
12) 1,1-Dichloroethene	3.69	96	163516	47.964	ug/l	94
13) Acrolein	3.57	56	30244	190.122	ug/l	97
14) Allyl chloride	4.27	41	197108	44.225	ug/l	97
15) Acrylonitrile	4.93	53	355604	240.960	ug/l	99
16) Acetone	3.77	43	263380	240.173	ug/l	96
17) Carbon Disulfide	4.01	76	305007	40.665	ug/l	98
18) Methyl Acetate	4.27	43	174397	48.465	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	549615	47.304	ug/l	100
20) Methylene Chloride	4.50	84	187697	52.021	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	184779	48.061	ug/l	93
22) Diisopropyl ether	5.90	45	463782	47.213	ug/l	98
23) Vinyl Acetate	5.84	43	1696566	216.693	ug/l	96
24) 1,1-Dichloroethane	5.80	63	306408	49.190	ug/l	99
25) 2-Butanone	6.78	43	422041	224.028	ug/l	96
26) 2,2-Dichloropropane	6.77	77	246638	43.260	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	217760	50.020	ug/l	97
28) Bromochloromethane	7.15	49	108856	46.451	ug/l	92
29) Tetrahydrofuran	7.17	42	273973	220.544	ug/l	94
30) Chloroform	7.33	83	347415	50.413	ug/l	98
31) Cyclohexane	7.61	56	245078	43.747	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	310261	49.409	ug/l	100
36) 1,1-Dichloropropene	7.75	75	238640	51.740	ug/l	99
37) Ethyl Acetate	6.88	43	180628	48.623	ug/l	96
38) Carbon Tetrachloride	7.73	117	255514	57.433	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272838	47.993	ug/l	96
40) Benzene	8.00	78	757248	53.211	ug/l	99
41) Methacrylonitrile	7.14	41	85957m	50.503	ug/l	
42) 1,2-Dichloroethane	8.09	62	245108	51.446	ug/l	99
43) Isopropyl Acetate	8.13	43	311873	46.663	ug/l	92
44) Trichloroethene	8.80	130	236204	54.008	ug/l	92
45) 1,2-Dichloropropane	9.09	63	181910	53.832	ug/l	100
46) Dibromomethane	9.18	93	137252	52.959	ug/l	95
47) Bromodichloromethane	9.37	83	278356	54.211	ug/l	97
48) Methyl methacrylate	9.17	41	137906	45.862	ug/l	96
49) 1,4-Dioxane	9.17	88	71695	1539.057	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	925952	245.850	ug/l	97
52) Toluene	10.12	92	504066	54.268	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	290338	52.489	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	310603	52.224	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	200424	54.161	ug/l	98
56) Ethyl methacrylate	10.40	69	270093	52.249	ug/l	97
57) 1,3-Dichloropropane	10.68	76	319703	54.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	493974	223.610	ug/l	99
59) 2-Hexanone	10.72	43	664117	245.526	ug/l	97
60) Dibromochloromethane	10.87	129	239754	56.989	ug/l	99
61) 1,2-Dibromoethane	10.98	107	209547	54.294	ug/l	99
64) Tetrachloroethene	10.60	164	255218	54.323	ug/l	97
65) Chlorobenzene	11.41	112	559801	53.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	216842	56.134	ug/l	100
67) Ethyl Benzene	11.48	91	963418	53.729	ug/l	99
68) m/p-Xylenes	11.60	106	762502	107.247	ug/l	99
69) o-Xylene	11.92	106	366122	54.217	ug/l	99
70) Styrene	11.94	104	619949	55.437	ug/l	98
71) Bromoform	12.10	173	172334	57.896	ug/l #	100
73) Isopropylbenzene	12.22	105	972097	51.610	ug/l	100
74) N-amyl acetate	12.05	43	270967	45.681	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	261166	49.479	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	243892m	51.974	ug/l	
77) Bromobenzene	12.50	156	261536	54.397	ug/l	95
78) n-propylbenzene	12.57	91	1086372	51.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	632659	50.458	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	812295	51.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85790	46.752	ug/l	98
82) 4-Chlorotoluene	12.75	91	663581	50.308	ug/l	99
83) tert-Butylbenzene	12.97	119	704235	50.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	815772	52.161	ug/l	98
85) sec-Butylbenzene	13.15	105	904087	50.441	ug/l	99
86) p-Isopropyltoluene	13.26	119	840823	50.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	457770	53.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	458648	52.881	ug/l	98
89) n-Butylbenzene	13.59	91	680420	49.215	ug/l	99
90) Hexachloroethane	13.85	117	123455	67.630	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	440591	54.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46230	42.946	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	262289	55.121	ug/l	98
94) Hexachlorobutadiene	14.99	225	109659	54.035	ug/l	100
95) Naphthalene	15.10	128	742418	51.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256466	54.818	ug/l	99

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

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