

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062203.D
 Acq On : 29 Jun 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:11 AM

Quant Time: Jun 30 06:07:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166522	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	133458	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.06	98	530378	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	181800	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116771	46.150	ug/l	99
3) Chloromethane	2.03	50	154851	52.038	ug/l	99
4) Vinyl Chloride	2.16	62	188137	47.215	ug/l	98
5) Bromomethane	2.52	94	123672	48.023	ug/l	100
6) Chloroethane	2.66	64	133488	49.041	ug/l	100
7) Trichlorofluoromethane	2.98	101	229134	46.668	ug/l	97
8) Diethyl Ether	3.37	74	89762	52.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126566	49.225	ug/l	97
10) Methyl Iodide	3.91	142	163614	56.503	ug/l	99
11) Tert butyl alcohol	4.73	59	123213	273.177	ug/l	100
12) 1,1-Dichloroethene	3.69	96	128642	50.048	ug/l	97
13) Acrolein	3.56	56	117055	265.075	ug/l	99
14) Allyl chloride	4.27	41	185105	52.894	ug/l	99
15) Acrylonitrile	4.93	53	341427	277.788	ug/l	99
16) Acetone	3.78	43	265534	269.610	ug/l	97
17) Carbon Disulfide	4.00	76	354760	48.188	ug/l	99
18) Methyl Acetate	4.28	43	137488	55.056	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	443266	53.968	ug/l	99
20) Methylene Chloride	4.50	84	154448	53.573	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	142370	48.621	ug/l	94
22) Diisopropyl ether	5.90	45	435760	54.688	ug/l	98
23) Vinyl Acetate	5.84	43	1823009	280.226	ug/l	97
24) 1,1-Dichloroethane	5.80	63	265953	51.833	ug/l	99
25) 2-Butanone	6.79	43	425294	276.978	ug/l	99
26) 2,2-Dichloropropane	6.78	77	198888	46.516	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	168192	51.045	ug/l	100
28) Bromochloromethane	7.15	49	115607	51.929	ug/l	94
29) Tetrahydrofuran	7.17	42	290277	288.600	ug/l	99
30) Chloroform	7.33	83	272225	52.146	ug/l	99
31) Cyclohexane	7.61	56	215746	49.709	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	224936	51.093	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198524	48.660	ug/l	99
37) Ethyl Acetate	6.88	43	181919	53.849	ug/l	99
38) Carbon Tetrachloride	7.73	117	185830	48.313	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226447	50.657	ug/l	100
40) Benzene	8.00	78	625387	50.292	ug/l	100
41) Methacrylonitrile	7.13	41	87729m	56.014	ug/l	
42) 1,2-Dichloroethane	8.08	62	214835	51.134	ug/l	100
43) Isopropyl Acetate	8.13	43	299039	54.300	ug/l	98
44) Trichloroethene	8.80	130	150336	47.927	ug/l	100
45) 1,2-Dichloropropane	9.08	63	161287	52.574	ug/l	99
46) Dibromomethane	9.17	93	107985	51.916	ug/l	97
47) Bromodichloromethane	9.37	83	222949	53.086	ug/l	99
48) Methyl methacrylate	9.17	41	138870	56.239	ug/l	97
49) 1,4-Dioxane	9.17	88	58048	1060.059	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	934951	290.572	ug/l	99
52) Toluene	10.12	92	395089	52.072	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	237969	51.503	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259476	52.747	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	157586	52.837	ug/l	99
56) Ethyl methacrylate	10.40	69	230120	57.815	ug/l	99
57) 1,3-Dichloropropane	10.68	76	269541	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	420674	248.354	ug/l	99
59) 2-Hexanone	10.72	43	687985	296.106	ug/l	100
60) Dibromochloromethane	10.87	129	165316	52.354	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161101	52.569	ug/l	99
64) Tetrachloroethene	10.60	164	120323	45.412	ug/l	98
65) Chlorobenzene	11.41	112	417828	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	148046	50.263	ug/l	100
67) Ethyl Benzene	11.48	91	753719	52.394	ug/l	98
68) m/p-Xylenes	11.60	106	575123	103.362	ug/l	99
69) o-Xylene	11.92	106	274704	52.326	ug/l	98
70) Styrene	11.94	104	468464	53.506	ug/l	99
71) Bromoform	12.10	173	106583	50.895	ug/l #	98
73) Isopropylbenzene	12.22	105	732529	51.167	ug/l	99
74) N-amyl acetate	12.05	43	271021	51.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	241091	50.605	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	204283m	46.920	ug/l	
77) Bromobenzene	12.50	156	170345	47.926	ug/l	94
78) n-propylbenzene	12.57	91	847080	51.727	ug/l	99
79) 2-Chlorotoluene	12.65	91	498733	50.377	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	605573	52.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76460	51.286	ug/l	97
82) 4-Chlorotoluene	12.75	91	518582	50.655	ug/l	98
83) tert-Butylbenzene	12.97	119	511872	51.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	601753	51.915	ug/l	100
85) sec-Butylbenzene	13.15	105	703745	53.622	ug/l	100
86) p-Isopropyltoluene	13.26	119	615108	53.495	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	306260	49.070	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	303811	47.222	ug/l	100
89) n-Butylbenzene	13.59	91	525437	54.965	ug/l	99
90) Hexachloroethane	13.85	117	115933	51.390	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	300975	49.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41142	53.908	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135162	51.121	ug/l	99
94) Hexachlorobutadiene	14.98	225	59620	51.918	ug/l	98
95) Naphthalene	15.10	128	403631	46.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138858	51.363	ug/l	99

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

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