

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061199.D
 Acq On : 30 Apr 2020 13:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:17 AM

Quant Time: May 01 03:34:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	115494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	193149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	182026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	84210	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.54	113	54726	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.06	98	233884	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.38	95	87845	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62026	50.645	ug/l	99
3) Chloromethane	2.03	50	86002	57.981	ug/l	99
4) Vinyl Chloride	2.16	62	79616	47.257	ug/l	100
5) Bromomethane	2.53	94	32329	38.821	ug/l	98
6) Chloroethane	2.67	64	44278	41.465	ug/l	99
7) Trichlorofluoromethane	2.98	101	95604	50.298	ug/l	95
8) Diethyl Ether	3.37	74	45700	57.643	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	63311	51.703	ug/l	99
10) Methyl Iodide	3.91	142	76314	48.494	ug/l	98
11) Tert butyl alcohol	4.72	59	61999	253.260	ug/l	100
12) 1,1-Dichloroethene	3.69	96	60568	49.705	ug/l	98
13) Acrolein	3.56	56	42745	262.017	ug/l	97
14) Allyl chloride	4.27	41	140667	62.258	ug/l	91
15) Acrylonitrile	4.93	53	216509	288.109	ug/l	99
16) Acetone	3.77	43	181925	257.570	ug/l	97
17) Carbon Disulfide	4.01	76	165033	49.028	ug/l	100
18) Methyl Acetate	4.27	43	129171	55.913	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	233508	50.150	ug/l	98
20) Methylene Chloride	4.50	84	72320	50.751	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	67091	50.562	ug/l	99
22) Diisopropyl ether	5.90	45	281831	53.790	ug/l	97
23) Vinyl Acetate	5.84	43	1107305	262.477	ug/l	99
24) 1,1-Dichloroethane	5.79	63	140893	51.468	ug/l	99
25) 2-Butanone	6.78	43	291013	269.114	ug/l	99
26) 2,2-Dichloropropane	6.77	77	111145	48.203	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77380	49.694	ug/l	98
28) Bromochloromethane	7.15	49	68397	52.714	ug/l	94
29) Tetrahydrofuran	7.16	42	201626	276.793	ug/l	96
30) Chloroform	7.33	83	131300	47.330	ug/l	99
31) Cyclohexane	7.61	56	126682	47.651	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111557	46.180	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100332	51.891	ug/l	100
37) Ethyl Acetate	6.88	43	122856	54.200	ug/l	99
38) Carbon Tetrachloride	7.73	117	81712	46.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	112817	52.029	ug/l	96
40) Benzene	8.00	78	298797	51.871	ug/l	99
41) Methacrylonitrile	7.12	41	62785	66.712	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109854	50.340	ug/l	100
43) Isopropyl Acetate	8.12	43	199025	52.906	ug/l	100
44) Trichloroethene	8.80	130	74463	47.818	ug/l	100
45) 1,2-Dichloropropane	9.08	63	82565	53.650	ug/l	98
46) Dibromomethane	9.17	93	49188	51.621	ug/l	97
47) Bromodichloromethane	9.37	83	105996	51.826	ug/l	100
48) Methyl methacrylate	9.17	41	94145	55.459	ug/l	97
49) 1,4-Dioxane	9.17	88	18453	957.636	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	619218	279.645	ug/l	100
52) Toluene	10.12	92	180334	51.974	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	121896	52.894	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	129777	53.267	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	71260	51.490	ug/l	99
56) Ethyl methacrylate	10.40	69	119441	49.553	ug/l	97
57) 1,3-Dichloropropane	10.68	76	130899	53.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	317459	283.386	ug/l	97
59) 2-Hexanone	10.72	43	453929	281.778	ug/l	100
60) Dibromochloromethane	10.87	129	74398	51.328	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71727	51.709	ug/l	100
64) Tetrachloroethene	10.60	164	76093	48.266	ug/l	99
65) Chlorobenzene	11.41	112	181285	50.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	66412	51.389	ug/l	98
67) Ethyl Benzene	11.48	91	350603	51.869	ug/l	99
68) m/p-Xylenes	11.60	106	253575	102.491	ug/l	97
69) o-Xylene	11.92	106	121057	50.938	ug/l	97
70) Styrene	11.94	104	207569	52.184	ug/l	99
71) Bromoform	12.10	173	51007	53.703	ug/l #	99
73) Isopropylbenzene	12.22	105	329704	51.078	ug/l	100
74) N-amyl acetate	12.04	43	169941	51.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	106807	53.065	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	97498m	52.668	ug/l	
77) Bromobenzene	12.50	156	75054	50.369	ug/l	96
78) n-propylbenzene	12.57	91	397616	51.933	ug/l	100
79) 2-Chlorotoluene	12.65	91	230780	51.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	280194	52.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	39543	54.246	ug/l	97
82) 4-Chlorotoluene	12.75	91	247080	52.093	ug/l	97
83) tert-Butylbenzene	12.97	119	229065	50.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	283688	51.540	ug/l	99
85) sec-Butylbenzene	13.15	105	319657	52.046	ug/l	99
86) p-Isopropyltoluene	13.26	119	289677	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	139540	50.869	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	139831	49.890	ug/l	99
89) n-Butylbenzene	13.59	91	274394	54.089	ug/l	100
90) Hexachloroethane	13.85	117	29131	50.398	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	133398	50.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	22605	53.177	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	86197	53.817	ug/l	100
94) Hexachlorobutadiene	14.98	225	38322	57.272	ug/l	98
95) Naphthalene	15.10	128	271912	52.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	84563	53.476	ug/l	99

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

