

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061179.D
 Acq On : 28 Apr 2020 21:27
 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
 4/29/2020 2:58:26 PM

Quant Time: Apr 29 09:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	104870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	177246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86306	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.55	113	56969	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.06	98	231302	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.37	95	88742	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58304	52.429	ug/l	100
3) Chloromethane	2.03	50	69377	51.511	ug/l	99
4) Vinyl Chloride	2.16	62	75176	49.142	ug/l	100
5) Bromomethane	2.54	94	36544	48.327	ug/l	96
6) Chloroethane	2.67	64	47363	48.847	ug/l	98
7) Trichlorofluoromethane	2.99	101	93294	54.055	ug/l	98
8) Diethyl Ether	3.37	74	37778	52.478	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55645	50.046	ug/l	100
10) Methyl Iodide	3.91	142	75057	52.527	ug/l	99
11) Tert butyl alcohol	4.72	59	47917	215.566	ug/l	100
12) 1,1-Dichloroethene	3.70	96	56658	51.206	ug/l	99
13) Acrolein	3.56	56	34393	232.179	ug/l	98
14) Allyl chloride	4.28	41	112996	55.078	ug/l	97
15) Acrylonitrile	4.93	53	166343	243.777	ug/l	99
16) Acetone	3.77	43	143292	222.677	ug/l	100
17) Carbon Disulfide	4.01	76	156990	51.364	ug/l	99
18) Methyl Acetate	4.27	43	90918	43.495	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	211387	49.998	ug/l	100
20) Methylene Chloride	4.50	84	64406	49.776	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61705	51.214	ug/l	99
22) Diisopropyl ether	5.90	45	245401	51.582	ug/l	99
23) Vinyl Acetate	5.84	43	1000314	261.137	ug/l	100
24) 1,1-Dichloroethane	5.80	63	125802	50.611	ug/l	99
25) 2-Butanone	6.78	43	232151	236.430	ug/l	99
26) 2,2-Dichloropropane	6.78	77	100586	48.043	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73590	52.048	ug/l	99
28) Bromochloromethane	7.15	49	60947	51.731	ug/l	98
29) Tetrahydrofuran	7.17	42	158386	239.460	ug/l	100
30) Chloroform	7.33	83	127565	50.642	ug/l	100
31) Cyclohexane	7.62	56	116711	48.348	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	113209	51.611	ug/l	100
36) 1,1-Dichloropropene	7.75	75	95195	51.412	ug/l	99
37) Ethyl Acetate	6.88	43	100565	46.328	ug/l	99
38) Carbon Tetrachloride	7.73	117	81795	55.240	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	105991	48.177	ug/l	100
40) Benzene	8.00	78	274956	49.843	ug/l	99
41) Methacrylonitrile	7.13	41	49139	54.522	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	106327	50.879	ug/l	100
43) Isopropyl Acetate	8.12	43	178353	49.508	ug/l	100
44) Trichloroethene	8.80	130	72506	48.621	ug/l	99
45) 1,2-Dichloropropane	9.08	63	73275	49.720	ug/l	99
46) Dibromomethane	9.17	93	47158	51.680	ug/l	99
47) Bromodichloromethane	9.37	83	101720	51.935	ug/l	98
48) Methyl methacrylate	9.17	41	81320	50.023	ug/l	97
49) 1,4-Dioxane	9.16	88	14755	799.592	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	522528	246.416	ug/l	99
52) Toluene	10.12	92	170462	51.302	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	113685	51.513	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	118608	50.836	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65870	49.701	ug/l	98
56) Ethyl methacrylate	10.40	69	107453	46.716	ug/l	100
57) 1,3-Dichloropropane	10.68	76	119256	51.192	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	271272	252.867	ug/l	100
59) 2-Hexanone	10.72	43	376476	244.035	ug/l	100
60) Dibromochloromethane	10.87	129	72356	52.127	ug/l	98
61) 1,2-Dibromoethane	10.98	107	68502	51.568	ug/l	100
64) Tetrachloroethene	10.60	164	71857	46.808	ug/l	98
65) Chlorobenzene	11.41	112	175020	49.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64387	51.166	ug/l	99
67) Ethyl Benzene	11.48	91	336743	51.162	ug/l	100
68) m/p-Xylenes	11.60	106	246724	102.411	ug/l	99
69) o-Xylene	11.92	106	117178	50.635	ug/l	98
70) Styrene	11.94	104	201056	51.910	ug/l	99
71) Bromoform	12.10	173	48347	52.275	ug/l #	100
73) Isopropylbenzene	12.22	105	324017	50.809	ug/l	100
74) N-amyl acetate	12.04	43	162390	50.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98482	49.526	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85807m	46.918	ug/l	
77) Bromobenzene	12.50	156	73307	49.796	ug/l	100
78) n-propylbenzene	12.56	91	384594	50.845	ug/l	100
79) 2-Chlorotoluene	12.65	91	223533	50.278	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	271784	51.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	35585	49.412	ug/l	99
82) 4-Chlorotoluene	12.75	91	237022	50.582	ug/l	99
83) tert-Butylbenzene	12.97	119	229056	51.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	274732	50.522	ug/l	100
85) sec-Butylbenzene	13.15	105	312814	51.553	ug/l	100
86) p-Isopropyltoluene	13.26	119	280399	51.289	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	135336	49.938	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136785	49.399	ug/l	100
89) n-Butylbenzene	13.59	91	259353	51.748	ug/l	100
90) Hexachloroethane	13.85	117	27465	48.444	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130542	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20795	49.515	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79207	50.056	ug/l	100
94) Hexachlorobutadiene	14.99	225	33938	51.338	ug/l	97
95) Naphthalene	15.10	128	249892	48.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	77004	49.290	ug/l	99

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

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