

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060435.D
 Acq On : 11 Mar 2020 8:53
 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
 3/12/2020 2:45:27 PM

Quant Time: Mar 12 03:47:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	128230	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.56	113	95269	63.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.68%	
50) Toluene-d8	10.08	98	381490	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	148270	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77841	42.973	ug/l	99
3) Chloromethane	2.04	50	139896	44.359	ug/l	99
4) Vinyl Chloride	2.16	62	116589	43.106	ug/l	99
5) Bromomethane	2.54	94	47542	43.350	ug/l	97
6) Chloroethane	2.68	64	66374	45.294	ug/l	96
7) Trichlorofluoromethane	3.00	101	158586	45.892	ug/l	99
8) Diethyl Ether	3.38	74	62174	47.653	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95094	48.624	ug/l	99
10) Methyl Iodide	3.92	142	72337	40.528	ug/l	99
11) Tert butyl alcohol	4.73	59	93845	249.327	ug/l	99
12) 1,1-Dichloroethene	3.71	96	91599	48.256	ug/l	99
13) Acrolein	3.57	56	93777	267.064	ug/l	100
14) Allyl chloride	4.29	41	157299	44.946	ug/l	91
15) Acrylonitrile	4.94	53	264693	266.801	ug/l	99
16) Acetone	3.78	43	226234	276.373	ug/l	99
17) Carbon Disulfide	4.03	76	221774	43.943	ug/l	99
18) Methyl Acetate	4.28	43	141231	51.700	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	346574	50.290	ug/l	97
20) Methylene Chloride	4.52	84	108726	48.364	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	98088	48.082	ug/l	96
22) Diisopropyl ether	5.91	45	377396	53.237	ug/l	98
23) Vinyl Acetate	5.86	43	1495613	265.504	ug/l	99
24) 1,1-Dichloroethane	5.81	63	204032	50.845	ug/l	100
25) 2-Butanone	6.80	43	381055	288.197	ug/l	100
26) 2,2-Dichloropropane	6.79	77	186740	51.117	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	122506	46.995	ug/l	98
28) Bromochloromethane	7.17	49	84804	51.472	ug/l	97
29) Tetrahydrofuran	7.18	42	236581	257.312	ug/l	100
30) Chloroform	7.34	83	205974	51.562	ug/l	98
31) Cyclohexane	7.63	56	172299	50.324	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	176201	49.784	ug/l	99
36) 1,1-Dichloropropene	7.77	75	147828	48.244	ug/l	99
37) Ethyl Acetate	6.89	43	153190	52.799	ug/l	99
38) Carbon Tetrachloride	7.75	117	145111	48.641	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	168625	46.674	ug/l	99
40) Benzene	8.02	78	449224	50.370	ug/l	100
41) Methacrylonitrile	7.15	41	73616m	54.951	ug/l	
42) 1,2-Dichloroethane	8.10	62	163704	50.867	ug/l	100
43) Isopropyl Acetate	8.14	43	271001	53.354	ug/l	99
44) Trichloroethene	8.82	130	121325	48.846	ug/l	99
45) 1,2-Dichloropropane	9.10	63	125303	53.738	ug/l	99
46) Dibromomethane	9.19	93	77669	51.335	ug/l	99
47) Bromodichloromethane	9.38	83	164629	53.500	ug/l	99
48) Methyl methacrylate	9.18	41	120151	51.873	ug/l	99
49) 1,4-Dioxane	9.18	88	32050	983.954	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	787407	273.415	ug/l	100
52) Toluene	10.14	92	282420	50.412	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	191579	50.809	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201452	51.561	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114113	50.652	ug/l	97
56) Ethyl methacrylate	10.42	69	179563	55.479	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193396	52.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	448014	264.663	ug/l	99
59) 2-Hexanone	10.74	43	605957	286.574	ug/l	100
60) Dibromochloromethane	10.89	129	125811	54.913	ug/l	98
61) 1,2-Dibromoethane	11.00	107	115211	52.460	ug/l	98
64) Tetrachloroethene	10.62	164	120562	51.489	ug/l	99
65) Chlorobenzene	11.42	112	300968	50.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115433	51.946	ug/l	100
67) Ethyl Benzene	11.50	91	556260	50.824	ug/l	100
68) m/p-Xylenes	11.61	106	415232	100.556	ug/l	100
69) o-Xylene	11.94	106	200419	50.898	ug/l	99
70) Styrene	11.96	104	335171	51.771	ug/l	99
71) Bromoform	12.12	173	89952	56.166	ug/l #	100
73) Isopropylbenzene	12.24	105	544236	49.488	ug/l	99
74) N-amyl acetate	12.06	43	245366	51.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	162348	54.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	148766m	45.699	ug/l	
77) Bromobenzene	12.52	156	131840	48.907	ug/l	97
78) n-propylbenzene	12.59	91	646539	50.155	ug/l	100
79) 2-Chlorotoluene	12.67	91	375435	49.546	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	461619	49.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	63463	53.816	ug/l #	85
82) 4-Chlorotoluene	12.77	91	397099	49.740	ug/l	99
83) tert-Butylbenzene	12.99	119	392066	48.907	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	465600	49.819	ug/l	99
85) sec-Butylbenzene	13.17	105	532669	49.619	ug/l	99
86) p-Isopropyltoluene	13.28	119	483021	48.613	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	241515	52.148	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	241934	52.545	ug/l	99
89) n-Butylbenzene	13.61	91	445848	48.881	ug/l	99
90) Hexachloroethane	13.87	117	69701	48.464	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	229982	48.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34129	50.416	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	149045	49.658	ug/l	99
94) Hexachlorobutadiene	15.01	225	71598	51.915	ug/l	99
95) Naphthalene	15.13	128	422829	47.816	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137690	48.706	ug/l	99

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

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