

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065008.D
 Acq On : 9 Dec 2020 7:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:57 AM

Quant Time: Dec 09 08:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	106599	48.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.46%
35) Dibromofluoromethane	7.55	113	93410	51.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.60%
50) Toluene-d8	10.06	98	356895	47.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.94%
62) 4-Bromofluorobenzene	12.37	95	126615	47.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	66494	40.777	ug/l	97
3) Chloromethane	2.04	50	87495	41.290	ug/l	99
4) Vinyl Chloride	2.17	62	95989	43.448	ug/l	97
5) Bromomethane	2.52	94	62758	43.298	ug/l	94
6) Chloroethane	2.67	64	64695	47.346	ug/l	99
7) Trichlorofluoromethane	2.99	101	145049	47.496	ug/l	99
8) Diethyl Ether	3.38	74	59843	49.644	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	84920	46.354	ug/l	98
10) Methyl Iodide	3.91	142	108211	45.539	ug/l	99
11) Tert butyl alcohol	4.75	59	76445	224.095	ug/l	100
12) 1,1-Dichloroethene	3.69	96	84481	46.303	ug/l	98
13) Acrolein	3.57	56	56408	270.716	ug/l	100
14) Allyl chloride	4.27	41	134816	44.801	ug/l	98
15) Acrylonitrile	4.93	53	238593	253.183	ug/l	99
16) Acetone	3.78	43	183840	255.670	ug/l	97
17) Carbon Disulfide	4.01	76	196614	41.737	ug/l	99
18) Methyl Acetate	4.28	43	113600	52.547	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	300215	51.305	ug/l	100
20) Methylene Chloride	4.50	84	104565	46.407	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	93128	45.964	ug/l	99
22) Diisopropyl ether	5.90	45	310067	51.479	ug/l	97
23) Vinyl Acetate	5.85	43	1221392	253.579	ug/l	100
24) 1,1-Dichloroethane	5.79	63	181805	50.506	ug/l	98
25) 2-Butanone	6.79	43	296741	254.578	ug/l	98
26) 2,2-Dichloropropane	6.78	77	119647	38.324	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	111794	49.035	ug/l	97
28) Bromochloromethane	7.15	49	79350	48.186	ug/l	98
29) Tetrahydrofuran	7.17	42	198349	246.513	ug/l	99
30) Chloroform	7.33	83	187294	50.455	ug/l	97
31) Cyclohexane	7.61	56	133616	43.827	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	159605	50.061	ug/l	99
36) 1,1-Dichloropropene	7.75	75	132064	46.822	ug/l	99
37) Ethyl Acetate	6.88	43	124846	45.951	ug/l	99
38) Carbon Tetrachloride	7.73	117	141415	48.186	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	127860	42.110	ug/l	96
40) Benzene	8.00	78	409455	47.373	ug/l	96
41) Methacrylonitrile	7.13	41	62537	49.884	ug/l	89
42) 1,2-Dichloroethane	8.08	62	137438	47.137	ug/l	99
43) Isopropyl Acetate	8.13	43	206017	47.123	ug/l #	91
44) Trichloroethene	8.80	130	113719	44.593	ug/l	99
45) 1,2-Dichloropropane	9.08	63	112675	50.340	ug/l	99
46) Dibromomethane	9.17	93	72983	48.807	ug/l	99
47) Bromodichloromethane	9.37	83	150465	50.008	ug/l	98
48) Methyl methacrylate	9.17	41	102268	48.954	ug/l	99
49) 1,4-Dioxane	9.17	88	35381	896.096	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	636472	242.497	ug/l	99
52) Toluene	10.12	92	264322	49.659	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	156078	46.574	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	171610	47.775	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	108428	49.538	ug/l	98
56) Ethyl methacrylate	10.40	69	150405	49.796	ug/l	99
57) 1,3-Dichloropropane	10.68	76	179499	49.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	405497	244.061	ug/l	99
59) 2-Hexanone	10.72	43	458635	242.802	ug/l	99
60) Dibromochloromethane	10.87	129	124542	51.188	ug/l	98
61) 1,2-Dibromoethane	10.98	107	109248	49.128	ug/l	99
64) Tetrachloroethene	10.60	164	118779	45.084	ug/l	99
65) Chlorobenzene	11.41	112	287154	49.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	113724	53.213	ug/l	99
67) Ethyl Benzene	11.48	91	486872	50.116	ug/l	99
68) m/p-Xylenes	11.59	106	381471	103.713	ug/l	98
69) o-Xylene	11.92	106	182971	52.422	ug/l	99
70) Styrene	11.94	104	318432	54.042	ug/l	98
71) Bromoform	12.10	173	86972	50.952	ug/l #	99
73) Isopropylbenzene	12.22	105	478369	50.785	ug/l	99
74) N-amyl acetate	12.04	43	178205	48.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	142571	51.639	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	140383m	48.135	ug/l	
77) Bromobenzene	12.50	156	124788	49.139	ug/l	98
78) n-propylbenzene	12.57	91	529159	49.312	ug/l	99
79) 2-Chlorotoluene	12.65	91	322416	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	409946	52.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	48280	45.372	ug/l	95
82) 4-Chlorotoluene	12.75	91	336799	48.441	ug/l	99
83) tert-Butylbenzene	12.97	119	335899	51.184	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	410790	51.893	ug/l	100
85) sec-Butylbenzene	13.14	105	428898	49.223	ug/l	99
86) p-Isopropyltoluene	13.26	119	398856	50.278	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	221436	49.079	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218492	45.791	ug/l	99
89) n-Butylbenzene	13.59	91	312077	44.796	ug/l	99
90) Hexachloroethane	13.85	117	71816	52.112	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	222047	50.122	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29235	47.060	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	112527	41.060	ug/l	100
94) Hexachlorobutadiene	14.98	225	58143	47.135	ug/l	98
95) Naphthalene	15.10	128	345062	42.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	105945	40.940	ug/l	98

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

