

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064797.D
 Acq On : 24 Nov 2020 1:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:33 PM

Quant Time: Nov 24 04:52:14 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	192057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108598	48.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.28%
35) Dibromofluoromethane	7.55	113	93451	51.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.90%
50) Toluene-d8	10.06	98	362893	48.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.78%
62) 4-Bromofluorobenzene	12.37	95	130000	48.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77215	46.389	ug/l	98
3) Chloromethane	2.04	50	99135	45.831	ug/l	98
4) Vinyl Chloride	2.17	62	105938	46.977	ug/l	99
5) Bromomethane	2.53	94	70043	47.341	ug/l	100
6) Chloroethane	2.68	64	67138	48.134	ug/l	98
7) Trichlorofluoromethane	2.99	101	147459	47.303	ug/l	99
8) Diethyl Ether	3.37	74	59493	48.350	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	87771	46.936	ug/l	99
10) Methyl Iodide	3.91	142	119805	49.392	ug/l	99
11) Tert butyl alcohol	4.74	59	71041	204.018	ug/l	100
12) 1,1-Dichloroethene	3.69	96	89531	48.073	ug/l	99
13) Acrolein	3.57	56	52038	244.664	ug/l	99
14) Allyl chloride	4.27	41	142866	46.510	ug/l	99
15) Acrylonitrile	4.93	53	222963	231.786	ug/l	99
16) Acetone	3.78	43	176435	240.381	ug/l	100
17) Carbon Disulfide	4.01	76	227993	47.414	ug/l	99
18) Methyl Acetate	4.28	43	101179	45.849	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	293665	49.165	ug/l	100
20) Methylene Chloride	4.50	84	105174	45.728	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	96634	46.724	ug/l	99
22) Diisopropyl ether	5.90	45	311255	50.625	ug/l	99
23) Vinyl Acetate	5.85	43	1231121	250.401	ug/l	99
24) 1,1-Dichloroethane	5.80	63	181521	49.402	ug/l	99
25) 2-Butanone	6.79	43	280925	236.107	ug/l	96
26) 2,2-Dichloropropane	6.78	77	130235	40.867	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	112713	48.432	ug/l	99
28) Bromochloromethane	7.15	49	81127	48.263	ug/l	99
29) Tetrahydrofuran	7.16	42	188951	230.057	ug/l	100
30) Chloroform	7.33	83	187204	49.405	ug/l	97
31) Cyclohexane	7.61	56	143776	46.201	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	158801	48.795	ug/l	99
36) 1,1-Dichloropropene	7.75	75	135052	47.996	ug/l	99
37) Ethyl Acetate	6.88	43	120123	44.319	ug/l	98
38) Carbon Tetrachloride	7.73	117	143587	49.043	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	143978	47.532	ug/l	98
40) Benzene	8.00	78	417365	48.404	ug/l	99
41) Methacrylonitrile	7.13	41	56700	45.336	ug/l	92
42) 1,2-Dichloroethane	8.08	62	137775	47.366	ug/l	100
43) Isopropyl Acetate	8.13	43	197701	45.329	ug/l	100
44) Trichloroethene	8.80	130	119435	46.946	ug/l	100
45) 1,2-Dichloropropane	9.08	63	109979	49.253	ug/l	98
46) Dibromomethane	9.17	93	72144	48.362	ug/l	99
47) Bromodichloromethane	9.37	83	145831	48.585	ug/l	98
48) Methyl methacrylate	9.16	41	99185	47.592	ug/l	99
49) 1,4-Dioxane	9.16	88	33281	844.931	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	612544	233.940	ug/l	99
52) Toluene	10.12	92	264509	49.813	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	156099	46.692	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	171245	47.788	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	104941	48.060	ug/l	94
56) Ethyl methacrylate	10.40	69	147764	49.039	ug/l	99
57) 1,3-Dichloropropane	10.68	76	172205	47.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	414249	249.927	ug/l	100
59) 2-Hexanone	10.72	43	434842	230.758	ug/l	100
60) Dibromochloromethane	10.87	129	120194	49.520	ug/l	98
61) 1,2-Dibromoethane	10.97	107	107533	48.473	ug/l	99
64) Tetrachloroethene	10.60	164	125399	46.196	ug/l	99
65) Chlorobenzene	11.40	112	286345	47.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109389	49.678	ug/l	99
67) Ethyl Benzene	11.48	91	489075	48.861	ug/l	99
68) m/p-Xylenes	11.59	106	381717	100.726	ug/l	99
69) o-Xylene	11.92	106	183712	51.085	ug/l	99
70) Styrene	11.94	104	314441	51.794	ug/l	99
71) Bromoform	12.10	173	82957	47.169	ug/l #	100
73) Isopropylbenzene	12.22	105	483385	50.182	ug/l	100
74) N-amyl acetate	12.04	43	178581	47.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	129498	45.866	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	131526m	44.101	ug/l	
77) Bromobenzene	12.50	156	123100	47.402	ug/l	98
78) n-propylbenzene	12.56	91	544144	49.587	ug/l	99
79) 2-Chlorotoluene	12.65	91	323163	47.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	410700	51.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47498	43.649	ug/l	97
82) 4-Chlorotoluene	12.75	91	340594	47.903	ug/l	99
83) tert-Butylbenzene	12.97	119	344189	51.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	419616	51.835	ug/l	99
85) sec-Butylbenzene	13.14	105	451109	50.626	ug/l	100
86) p-Isopropyltoluene	13.26	119	421239	51.925	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	217588	47.159	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218917	44.865	ug/l	100
89) n-Butylbenzene	13.59	91	343425	48.205	ug/l	99
90) Hexachloroethane	13.85	117	70118	49.754	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	213521	47.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27445	43.201	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	123036	43.902	ug/l	99
94) Hexachlorobutadiene	14.98	225	58479	46.365	ug/l	99
95) Naphthalene	15.10	128	372481	44.364	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122541	46.123	ug/l	99

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

