

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064816.D
 Acq On : 24 Nov 2020 17:28
 Operator : JC/MD
 Sample : L4829-13MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 3:57:33 PM

Quant Time: Nov 25 05:20:28 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	7.63	168	196224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107289	47.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.06%
35) Dibromofluoromethane	7.55	113	92949	48.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.52%
50) Toluene-d8	10.06	98	366775	47.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.18%
62) 4-Bromofluorobenzene	12.37	95	132387	47.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74140	43.596	ug/l	100
3) Chloromethane	2.04	50	97317	44.036	ug/l	99
4) Vinyl Chloride	2.17	62	109603	47.570	ug/l	97
5) Bromomethane	2.53	94	44591	29.498	ug/l	99
6) Chloroethane	2.68	64	67730	47.528	ug/l	100
7) Trichlorofluoromethane	2.99	101	148470	46.616	ug/l	98
8) Diethyl Ether	3.38	74	59921	47.663	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	87947	46.031	ug/l	99
10) Methyl Iodide	3.91	142	80136	32.336	ug/l	98
11) Tert butyl alcohol	4.75	59	72761	204.520	ug/l #	73
12) 1,1-Dichloroethene	3.69	96	90889	47.766	ug/l	98
13) Acrolein	3.57	56	44757	205.962	ug/l	99
14) Allyl chloride	4.28	41	149194	47.539	ug/l	98
15) Acrylonitrile	4.93	53	244459	248.736	ug/l	97
16) Acetone	3.78	43	211920	282.596	ug/l	96
17) Carbon Disulfide	4.01	76	234382	47.707	ug/l	99
18) Methyl Acetate	4.28	43	98696	43.775	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	324561	53.184	ug/l #	1
20) Methylene Chloride	4.50	84	107690	45.828	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	97647	46.212	ug/l	96
22) Diisopropyl ether	5.91	45	317733	50.581	ug/l	97
23) Vinyl Acetate	5.85	43	1223154	243.497	ug/l	98
24) 1,1-Dichloroethane	5.80	63	182491	48.611	ug/l	100
25) 2-Butanone	6.79	43	297523	244.747	ug/l	99
26) 2,2-Dichloropropane	6.78	77	142394	43.733	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	119812	50.390	ug/l	98
28) Bromochloromethane	7.15	49	82396	47.977	ug/l	98
29) Tetrahydrofuran	7.17	42	195352	232.799	ug/l	99
30) Chloroform	7.33	83	201344	52.008	ug/l	99
31) Cyclohexane	7.61	56	234459	73.741	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	158804	47.760	ug/l	99
36) 1,1-Dichloropropene	7.75	75	136729	46.301	ug/l	98
37) Ethyl Acetate	6.88	43	119239	41.918	ug/l	99
38) Carbon Tetrachloride	7.73	117	141670	46.107	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	270905	85.218	ug/l	98
40) Benzene	8.00	78	1095113	121.019	ug/l	99
41) Methacrylonitrile	7.12	41	61810	47.092	ug/l	90
42) 1,2-Dichloroethane	8.09	62	139767	45.785	ug/l	92
43) Isopropyl Acetate	8.13	43	234937	51.327	ug/l	95
44) Trichloroethene	8.80	130	119886	44.902	ug/l	100
45) 1,2-Dichloropropane	9.08	63	110540	47.170	ug/l	98
46) Dibromomethane	9.17	93	72996	46.626	ug/l	99
47) Bromodichloromethane	9.37	83	157897	50.124	ug/l	97
48) Methyl methacrylate	9.17	41	96726	44.224	ug/l	96
49) 1,4-Dioxane	9.17	88	32877	795.321	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	628269	228.633	ug/l	100
52) Toluene	10.12	92	289598	51.966	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	161411	46.005	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	176928	47.046	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	140745	61.418	ug/l	96
56) Ethyl methacrylate	10.40	69	157120	49.685	ug/l	100
57) 1,3-Dichloropropane	10.68	76	179728	47.545	ug/l	99
59) 2-Hexanone	10.72	43	459676	232.436	ug/l	98
60) Dibromochloromethane	10.87	129	118957	46.699	ug/l	98
61) 1,2-Dibromoethane	10.98	107	108331	46.530	ug/l	96
64) Tetrachloroethene	10.60	164	118051	42.725	ug/l	99
65) Chlorobenzene	11.40	112	292339	47.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	106932	47.709	ug/l	100
67) Ethyl Benzene	11.48	91	1010811	99.210	ug/l	99
68) m/p-Xylenes	11.59	106	635171	164.659	ug/l	99
69) o-Xylene	11.92	106	198421	54.205	ug/l	100
70) Styrene	11.94	104	320922	51.932	ug/l	99
71) Bromoform	12.10	173	82355	46.004	ug/l #	99
73) Isopropylbenzene	12.22	105	747827	77.331	ug/l	100
74) N-amyl acetate	12.04	43	181972	47.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140808	49.677	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	143163m	47.815	ug/l	
77) Bromobenzene	12.50	156	123907	47.526	ug/l	99
78) n-propylbenzene	12.56	91	1075575	97.632	ug/l	99
79) 2-Chlorotoluene	12.65	91	349022	51.253	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	480550	59.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46712	42.759	ug/l	95
82) 4-Chlorotoluene	12.75	91	345077	48.344	ug/l	98
83) tert-Butylbenzene	12.97	119	361930	53.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1124151	138.322	ug/l	99
85) sec-Butylbenzene	13.14	105	513996	57.458	ug/l	97
86) p-Isopropyltoluene	13.26	119	440631	54.103	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	222858	48.112	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	224707	45.872	ug/l	99
89) n-Butylbenzene	13.59	91	430648	60.212	ug/l	95
90) Hexachloroethane	13.85	117	98591	69.684	ug/l	71
91) 1,2-Dichlorobenzene	13.63	146	213598	46.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30415	47.689	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	134100	47.662	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	56713	44.802	ug/l	99
95) Naphthalene	15.10	128	886297	105.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	132900	49.714	ug/l	95

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

