

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063328.D
 Acq On : 11 Sep 2020 20:42
 Operator : JC/MD
 Sample : L3988-23MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:33 PM

Quant Time: Sep 22 04:58:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	750024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	693981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	324112	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.55	113	239981	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	946100	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.38	95	343096	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	196023	48.884	ug/l	98
3) Chloromethane	2.04	50	283849	54.273	ug/l	98
4) Vinyl Chloride	2.17	62	294461	51.904	ug/l	99
5) Bromomethane	2.53	94	191166	48.297	ug/l	99
6) Chloroethane	2.68	64	189510	51.065	ug/l	95
7) Trichlorofluoromethane	2.99	101	443659	50.570	ug/l	98
8) Diethyl Ether	3.37	74	158855	50.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	224444	48.967	ug/l	99
10) Methyl Iodide	3.91	142	320063	53.868	ug/l	99
11) Tert butyl alcohol	4.73	59	203284	234.384	ug/l	99
12) 1,1-Dichloroethene	3.70	96	231175	50.526	ug/l	96
13) Acrolein	3.57	56	213627	422.680	ug/l	99
14) Allyl chloride	4.28	41	442594	47.122	ug/l	98
15) Acrylonitrile	4.93	53	633296	267.060	ug/l	99
16) Acetone	3.77	43	547701	241.793	ug/l	99
17) Carbon Disulfide	4.01	76	652296	50.375	ug/l	99
18) Methyl Acetate	4.28	43	271908	47.752	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	837989	51.256	ug/l	99
20) Methylene Chloride	4.51	84	274529	53.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	251374	49.094	ug/l	99
22) Diisopropyl ether	5.90	45	953015	51.559	ug/l	98
23) Vinyl Acetate	5.84	43	3701513	254.412	ug/l	99
24) 1,1-Dichloroethane	5.80	63	508973	50.847	ug/l	99
25) 2-Butanone	6.78	43	862492	257.763	ug/l	100
26) 2,2-Dichloropropane	6.78	77	360526	41.092	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	295278	49.483	ug/l	97
28) Bromochloromethane	7.15	49	233759	48.159	ug/l	98
29) Tetrahydrofuran	7.17	42	575962	264.354	ug/l	99
30) Chloroform	7.33	83	511249	51.010	ug/l	99
31) Cyclohexane	7.61	56	463396	50.366	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	442629	50.662	ug/l	99
36) 1,1-Dichloropropene	7.75	75	380290	49.328	ug/l	100
37) Ethyl Acetate	6.88	43	363107	47.875	ug/l	99
38) Carbon Tetrachloride	7.74	117	381840	50.324	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	475320	56.515	ug/l	100
40) Benzene	8.00	78	1123180	51.008	ug/l	100
41) Methacrylonitrile	7.14	41	183446m	53.471	ug/l	
42) 1,2-Dichloroethane	8.09	62	422095	50.524	ug/l	97
43) Isopropyl Acetate	8.13	43	675454	52.587	ug/l	98
44) Trichloroethene	8.80	130	287385	49.906	ug/l	100
45) 1,2-Dichloropropane	9.08	63	306219	50.700	ug/l	99
46) Dibromomethane	9.18	93	200276	51.135	ug/l	99
47) Bromodichloromethane	9.37	83	412534	50.543	ug/l	97
48) Methyl methacrylate	9.17	41	310857	50.721	ug/l	99
49) 1,4-Dioxane	9.16	88	84058	885.839	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1941469	274.274	ug/l	99
52) Toluene	10.13	92	690973	51.396	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	447780	50.309	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	475878	49.658	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	307245	58.323	ug/l	98
56) Ethyl methacrylate	10.40	69	446997	55.798	ug/l	96
57) 1,3-Dichloropropane	10.68	76	480069	52.150	ug/l	100
59) 2-Hexanone	10.72	43	1411343	270.346	ug/l	99
60) Dibromochloromethane	10.87	129	305422	52.796	ug/l	99
61) 1,2-Dibromoethane	10.98	107	284643	51.829	ug/l	100
64) Tetrachloroethene	10.60	164	283419	49.853	ug/l	100
65) Chlorobenzene	11.41	112	738455	49.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	274599	50.447	ug/l	99
67) Ethyl Benzene	11.49	91	2744231	102.315	ug/l	98
68) m/p-Xylenes	11.60	106	1013446	102.149	ug/l	98
69) o-Xylene	11.92	106	484364	50.872	ug/l	99
70) Stvrene	11.94	104	816212	51.579	ug/l	99
71) Bromoform	12.10	173	196679	52.240	ug/l #	99
73) Isopropylbenzene	12.23	105	1835881	69.962	ug/l	100
74) N-amyl acetate	12.05	43	570069	52.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	378711	50.392	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	341986m	47.649	ug/l	
77) Bromobenzene	12.50	156	305700	50.681	ug/l	97
78) n-propylbenzene	12.57	91	2183695	73.253	ug/l	100
79) 2-Chlorotoluene	12.65	91	904575	49.351	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1244932	57.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	128901	48.254	ug/l	99
82) 4-Chlorotoluene	12.75	91	945815	49.226	ug/l	99
83) tert-Butylbenzene	12.97	119	921592	49.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2105904	95.887	ug/l	99
85) sec-Butylbenzene	13.15	105	1324290	56.328	ug/l	98
86) p-Isopropyltoluene	13.27	119	1080111	50.113	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	544473	49.376	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	545472	51.765	ug/l	100
89) n-Butylbenzene	13.59	91	1024388	52.650	ug/l	99
90) Hexachloroethane	13.85	117	218360	61.591	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	554868	50.911	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81828	47.882	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	298940	46.860	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	112221	48.769	ug/l	98
95) Naphthalene	15.10	128	1979681	103.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	290282	50.717	ug/l	96

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

