

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063604.D
 Acq On : 23 Sep 2020 21:18
 Operator : JC/MD
 Sample : L4082-16MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200916MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:11 PM

Quant Time: Sep 24 04:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	386129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	368203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196744	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	136705	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.06	98	508174	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	197491	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115348	45.563	ug/l	99
3) Chloromethane	2.04	50	151108	45.120	ug/l	98
4) Vinyl Chloride	2.16	62	145762	49.125	ug/l	98
5) Bromomethane	2.52	94	90217	51.209	ug/l	97
6) Chloroethane	2.67	64	93655	51.420	ug/l	99
7) Trichlorofluoromethane	2.98	101	236590	53.443	ug/l	99
8) Diethyl Ether	3.37	74	85414	49.493	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128026	51.423	ug/l	98
10) Methyl Iodide	3.91	142	161958	49.966	ug/l	99
11) Tert butyl alcohol	4.73	59	128383	243.624	ug/l	98
12) 1,1-Dichloroethene	3.70	96	122077	48.410	ug/l	97
13) Acrolein	3.57	56	68118	348.807	ug/l	100
14) Allyl chloride	4.28	41	233232	46.758	ug/l	97
15) Acrylonitrile	4.93	53	347541	259.273	ug/l	100
16) Acetone	3.78	43	319109	261.029	ug/l	99
17) Carbon Disulfide	4.01	76	325127	44.325	ug/l	99
18) Methyl Acetate	4.28	43	154708	49.850	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	469850	49.992	ug/l	98
20) Methylene Chloride	4.51	84	152866	49.354	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	135695	48.569	ug/l	97
22) Diisopropyl ether	5.90	45	500927	49.241	ug/l	99
23) Vinyl Acetate	5.85	43	1908643	228.450	ug/l	98
24) 1,1-Dichloroethane	5.80	63	277700	50.000	ug/l	99
25) 2-Butanone	6.78	43	491093	261.194	ug/l	99
26) 2,2-Dichloropropane	6.78	77	197176	40.323	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	171386	54.197	ug/l	99
28) Bromochloromethane	7.15	49	134835	52.579	ug/l	100
29) Tetrahydrofuran	7.17	42	322607	251.227	ug/l	99
30) Chloroform	7.33	83	298112	53.500	ug/l	97
31) Cyclohexane	7.61	56	217359	41.374	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	254352	51.321	ug/l	99
36) 1,1-Dichloropropene	7.76	75	198981	48.371	ug/l	98
37) Ethyl Acetate	6.88	43	190997	47.307	ug/l	99
38) Carbon Tetrachloride	7.74	117	214717	51.132	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	193785	43.404	ug/l	100
40) Benzene	8.00	78	590920	50.321	ug/l	98
41) Methacrylonitrile	7.13	41	96639m	53.219	ug/l	
42) 1,2-Dichloroethane	8.09	62	250784	53.105	ug/l	98
43) Isopropyl Acetate	8.13	43	335679	46.498	ug/l	99
44) Trichloroethene	8.80	130	805380	282.767	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165966	51.892	ug/l	98
46) Dibromomethane	9.18	93	112036	53.297	ug/l	99
47) Bromodichloromethane	9.37	83	231954	53.115	ug/l	100
48) Methyl methacrylate	9.17	41	179484	50.603	ug/l	98
49) 1,4-Dioxane	9.17	88	54938	1079.339	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1087594	269.101	ug/l	99
52) Toluene	10.13	92	375096	53.128	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	240202	49.269	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	246009	47.839	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	152419	54.350	ug/l	97
56) Ethyl methacrylate	10.40	69	225821	51.581	ug/l	97
57) 1,3-Dichloropropane	10.68	76	259433	51.300	ug/l	99
59) 2-Hexanone	10.72	43	796339	271.972	ug/l	99
60) Dibromochloromethane	10.87	129	167679	52.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	157750	54.144	ug/l	99
64) Tetrachloroethene	10.60	164	173593	69.238	ug/l	97
65) Chlorobenzene	11.41	112	385833	49.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	152219	53.130	ug/l	99
67) Ethyl Benzene	11.49	91	728402	49.488	ug/l	100
68) m/p-Xylenes	11.59	106	537404	101.265	ug/l	98
69) o-Xylene	11.92	106	255117	50.464	ug/l	99
70) Stvrene	11.94	104	440482	51.957	ug/l	98
71) Bromoform	12.10	173	112325	52.627	ug/l #	100
73) Isopropylbenzene	12.23	105	689145	47.982	ug/l	100
74) N-amyl acetate	12.04	43	291340	42.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	221931	49.905	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	210245m	47.393	ug/l	
77) Bromobenzene	12.50	156	166164	51.432	ug/l	97
78) n-propylbenzene	12.57	91	810180	48.432	ug/l	100
79) 2-Chlorotoluene	12.65	91	491777	49.041	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	591155	49.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	72167	44.600	ug/l	96
82) 4-Chlorotoluene	12.75	91	518440	48.932	ug/l	100
83) tert-Butylbenzene	12.97	119	475098	48.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	589260	48.710	ug/l	98
85) sec-Butylbenzene	13.15	105	628738	47.519	ug/l	99
86) p-Isopropyltoluene	13.26	119	557410	47.763	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	295160	49.291	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	298634	49.052	ug/l	99
89) n-Butylbenzene	13.59	91	483785	44.974	ug/l	99
90) Hexachloroethane	13.85	117	100627	45.283	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	296008	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50918	48.083	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	154595	44.605	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	72087	50.241	ug/l	99
95) Naphthalene	15.10	128	508801	44.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	151570	45.261	ug/l	97

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

