

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060816.D
 Acq On : 2 Apr 2020 12:22
 Operator : JC/MD
 Sample : VN0402WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:06:26 PM

Quant Time: Apr 03 08:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	296148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	270901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	125875	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.56	113	93746	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.08	98	366741	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	132908	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31818	18.136	ug/l	99
3) Chloromethane	2.04	50	54766	16.714	ug/l	99
4) Vinyl Chloride	2.17	62	44331	17.298	ug/l	100
5) Bromomethane	2.55	94	22798	20.607	ug/l	96
6) Chloroethane	2.69	64	27756	18.801	ug/l	97
7) Trichlorofluoromethane	3.00	101	60102	19.038	ug/l	100
8) Diethyl Ether	3.38	74	26598	20.973	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36795	20.114	ug/l	100
10) Methyl Iodide	3.93	142	31993	19.655	ug/l	99
11) Tert butyl alcohol	4.72	59	38797	105.987	ug/l	100
12) 1,1-Dichloroethene	3.72	96	36365	18.525	ug/l	98
13) Acrolein	3.57	56	32967	81.260	ug/l	99
14) Allyl chloride	4.29	41	66868	19.367	ug/l	96
15) Acrylonitrile	4.94	53	111320	103.417	ug/l	99
16) Acetone	3.78	43	93698	106.275	ug/l	100
17) Carbon Disulfide	4.03	76	103951	17.412	ug/l	99
18) Methyl Acetate	4.28	43	53238	21.453	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	135902	20.136	ug/l	98
20) Methylene Chloride	4.52	84	42921	19.790	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	39455	18.858	ug/l	95
22) Diisopropyl ether	5.91	45	153950	21.106	ug/l	100
23) Vinyl Acetate	5.86	43	628160	105.546	ug/l	100
24) 1,1-Dichloroethane	5.81	63	80470	20.237	ug/l	98
25) 2-Butanone	6.79	43	147064	103.081	ug/l	99
26) 2,2-Dichloropropane	6.79	77	66458	21.242	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	47506	19.981	ug/l	99
28) Bromochloromethane	7.17	49	37570	19.748	ug/l	99
29) Tetrahydrofuran	7.18	42	101433	100.485	ug/l	98
30) Chloroform	7.34	83	76609	20.096	ug/l	96
31) Cyclohexane	7.63	56	74126	18.491	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	64736	19.699	ug/l	99
36) 1,1-Dichloropropene	7.77	75	57568	20.075	ug/l	99
37) Ethyl Acetate	6.89	43	64512	20.820	ug/l	99
38) Carbon Tetrachloride	7.75	117	50438	19.625	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	68824	20.196	ug/l	98
40) Benzene	8.02	78	176008	20.332	ug/l	98
41) Methacrylonitrile	7.14	41	27111m	20.502	ug/l	
42) 1,2-Dichloroethane	8.10	62	61632	20.833	ug/l	100
43) Isopropyl Acetate	8.14	43	106359	20.814	ug/l	99
44) Trichloroethene	8.81	130	44093	20.205	ug/l	97
45) 1,2-Dichloropropane	9.10	63	48739	21.337	ug/l	100
46) Dibromomethane	9.19	93	28964	20.974	ug/l	99
47) Bromodichloromethane	9.38	83	59691	20.801	ug/l	100
48) Methyl methacrylate	9.18	41	45137	19.839	ug/l	99
49) 1,4-Dioxane	9.18	88	13351	493.697	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	307980	105.913	ug/l	99
52) Toluene	10.14	92	105445	20.169	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	70104	21.268	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74777	20.678	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	42701	21.231	ug/l	97
56) Ethyl methacrylate	10.42	69	64315	20.508	ug/l	99
57) 1,3-Dichloropropane	10.70	76	74168	21.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	138919	89.127	ug/l	99
59) 2-Hexanone	10.74	43	217187	103.685	ug/l	99
60) Dibromochloromethane	10.89	129	43300	20.842	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42147	20.839	ug/l	100
64) Tetrachloroethene	10.62	164	41745	19.582	ug/l	98
65) Chlorobenzene	11.42	112	108237	20.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40501	20.829	ug/l	97
67) Ethyl Benzene	11.50	91	202716	20.298	ug/l	100
68) m/p-Xylenes	11.61	106	148737	40.078	ug/l	99
69) o-Xylene	11.94	106	71255	20.113	ug/l	99
70) Styrene	11.96	104	112623	19.437	ug/l	99
71) Bromoform	12.12	173	30194	19.736	ug/l #	98
73) Isopropylbenzene	12.24	105	191710	20.160	ug/l	100
74) N-amyl acetate	12.06	43	87504	19.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59623	20.733	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	53875m	19.704	ug/l	
77) Bromobenzene	12.52	156	45613	19.906	ug/l	100
78) n-propylbenzene	12.59	91	224187	19.955	ug/l	99
79) 2-Chlorotoluene	12.67	91	133736	19.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	161833	20.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21139	19.856	ug/l	98
82) 4-Chlorotoluene	12.77	91	136846	20.016	ug/l	99
83) tert-Butylbenzene	12.99	119	136072	20.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	161659	20.249	ug/l	99
85) sec-Butylbenzene	13.17	105	184124	20.468	ug/l	100
86) p-Isopropyltoluene	13.28	119	163700	20.237	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	80534	19.927	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	80928	19.931	ug/l	98
89) n-Butylbenzene	13.61	91	149699	20.497	ug/l	100
90) Hexachloroethane	13.87	117	25449	21.643	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	79971	20.694	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11659	19.191	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48493	20.434	ug/l	98
94) Hexachlorobutadiene	15.01	225	25427	21.857	ug/l	99
95) Naphthalene	15.13	128	138356	19.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46784	20.015	ug/l	99

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

