

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061287.D
 Acq On : 5 May 2020 13:15
 Operator : JC/MD
 Sample : VN0505WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:11 AM

Quant Time: May 06 04:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	117814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	202390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	187600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	99547	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	7.54	113	58860	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.06	98	259629	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.37	95	96759	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	24013	19.221	ug/l	100
3) Chloromethane	2.03	50	32521	21.493	ug/l	100
4) Vinyl Chloride	2.16	62	36558	21.272	ug/l	99
5) Bromomethane	2.54	94	15863	18.673	ug/l	99
6) Chloroethane	2.67	64	22705	20.844	ug/l	98
7) Trichlorofluoromethane	2.98	101	46271	23.864	ug/l	99
8) Diethyl Ether	3.37	74	18046	22.314	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26692	21.369	ug/l	98
10) Methyl Iodide	3.91	142	28289	17.622	ug/l	98
11) Tert butyl alcohol	4.72	59	19587	78.435	ug/l	96
12) 1,1-Dichloroethene	3.70	96	25165	20.245	ug/l	95
13) Acrolein	3.56	56	15585	93.651	ug/l	97
14) Allyl chloride	4.27	41	52155	22.629	ug/l	97
15) Acrylonitrile	4.93	53	76816	100.206	ug/l	99
16) Acetone	3.77	43	67150	89.594	ug/l	99
17) Carbon Disulfide	4.01	76	62914	18.323	ug/l	99
18) Methyl Acetate	4.27	43	40822	17.791	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	96691	20.357	ug/l	99
20) Methylene Chloride	4.50	84	28844	19.843	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	27212	20.104	ug/l	99
22) Diisopropyl ether	5.90	45	112913	21.126	ug/l	99
23) Vinyl Acetate	5.84	43	438747	101.953	ug/l	100
24) 1,1-Dichloroethane	5.79	63	56634	20.281	ug/l	99
25) 2-Butanone	6.78	43	102573	92.987	ug/l	98
26) 2,2-Dichloropropane	6.77	77	51392	21.850	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	31856	20.055	ug/l	97
28) Bromochloromethane	7.15	49	26998	20.398	ug/l	97
29) Tetrahydrofuran	7.16	42	69380	93.370	ug/l	99
30) Chloroform	7.32	83	57002	20.143	ug/l	97
31) Cyclohexane	7.61	56	49910	18.404	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	49542	20.104	ug/l	99
36) 1,1-Dichloropropene	7.75	75	41762	20.613	ug/l	99
37) Ethyl Acetate	6.88	43	46265	19.479	ug/l	99
38) Carbon Tetrachloride	7.73	117	36079	20.912	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	43827	19.289	ug/l	100
40) Benzene	8.00	78	122132	20.234	ug/l	99
41) Methacrylonitrile	7.12	41	19153	19.422	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	48599	21.253	ug/l	99
43) Isopropyl Acetate	8.12	43	78287	19.860	ug/l	100
44) Trichloroethene	8.80	130	30513	18.700	ug/l	97
45) 1,2-Dichloropropane	9.08	63	34146	21.175	ug/l	100
46) Dibromomethane	9.17	93	20460	20.492	ug/l	98
47) Bromodichloromethane	9.37	83	44701	20.858	ug/l	100
48) Methyl methacrylate	9.16	41	34576	19.438	ug/l	96
49) 1,4-Dioxane	9.17	88	5394	267.145	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	230255	99.238	ug/l	99
52) Toluene	10.12	92	74764	20.564	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	49451	20.478	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	52845	20.700	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	29520	20.356	ug/l	99
56) Ethyl methacrylate	10.40	69	44690	19.447	ug/l	97
57) 1,3-Dichloropropane	10.68	76	53021	20.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	111045	94.601	ug/l	100
59) 2-Hexanone	10.72	43	162615	96.335	ug/l	99
60) Dibromochloromethane	10.87	129	31269	20.588	ug/l	97
61) 1,2-Dibromoethane	10.98	107	29432	20.249	ug/l	100
64) Tetrachloroethene	10.60	164	30008	18.469	ug/l	99
65) Chlorobenzene	11.40	112	75644	20.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	28027	21.043	ug/l	99
67) Ethyl Benzene	11.48	91	141983	20.381	ug/l	99
68) m/p-Xylenes	11.59	106	104626	41.032	ug/l	99
69) o-Xylene	11.92	106	48917	19.972	ug/l	98
70) Styrene	11.94	104	81797	19.953	ug/l	98
71) Bromoform	12.10	173	20005	20.437	ug/l #	100
73) Isopropylbenzene	12.22	105	134538	20.990	ug/l	100
74) N-amyl acetate	12.04	43	64796	19.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	41391	20.710	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	36458m	19.834	ug/l	
77) Bromobenzene	12.50	156	31315	21.164	ug/l	99
78) n-propylbenzene	12.56	91	160787	21.149	ug/l	99
79) 2-Chlorotoluene	12.65	91	93954	21.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	112786	21.260	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	14481	20.006	ug/l	95
82) 4-Chlorotoluene	12.75	91	100631	21.367	ug/l	97
83) tert-Butylbenzene	12.97	119	92776	20.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	113525	20.771	ug/l	100
85) sec-Butylbenzene	13.15	105	125995	20.660	ug/l	99
86) p-Isopropyltoluene	13.26	119	113486	20.653	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	56584	20.773	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	57022	20.489	ug/l	98
89) n-Butylbenzene	13.59	91	104461	20.737	ug/l	99
90) Hexachloroethane	13.85	117	13385	27.418	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	54649	20.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8409	19.922	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30574	19.224	ug/l	98
94) Hexachlorobutadiene	14.99	225	14370	21.628	ug/l	99
95) Naphthalene	15.10	128	94048	18.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	30324	19.312	ug/l	99

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

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