

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061435.D
 Acq On : 18 May 2020 15:27
 Operator : JC/MD
 Sample : VN0518WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:13 PM

Quant Time: May 18 18:29:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	512631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	483577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217816	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	7.55	113	149317	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
50) Toluene-d8	10.06	98	646077	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.37	95	235104	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43252	18.714	ug/l	99
3) Chloromethane	2.03	50	71486	18.964	ug/l	99
4) Vinyl Chloride	2.16	62	103594	19.202	ug/l	100
5) Bromomethane	2.54	94	59373	19.314	ug/l	97
6) Chloroethane	2.67	64	70612	19.446	ug/l	99
7) Trichlorofluoromethane	2.98	101	123585	18.869	ug/l	99
8) Diethyl Ether	3.37	74	35710	18.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53373	19.596	ug/l	98
10) Methyl Iodide	3.91	142	66601	20.132	ug/l	99
11) Tert butyl alcohol	4.72	59	53422	111.766	ug/l	100
12) 1,1-Dichloroethene	3.70	96	52503	18.428	ug/l	98
13) Acrolein	3.57	56	31792	80.128	ug/l	98
14) Allyl chloride	4.28	41	83515	18.012	ug/l	94
15) Acrylonitrile	4.93	53	137742	97.268	ug/l	99
16) Acetone	3.77	43	113510	100.097	ug/l	100
17) Carbon Disulfide	4.01	76	142111	21.417	ug/l	98
18) Methyl Acetate	4.27	43	56588	19.232	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	206932	19.139	ug/l	100
20) Methylene Chloride	4.50	84	62641	18.374	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	61124	18.605	ug/l	97
22) Diisopropyl ether	5.90	45	201162	19.307	ug/l	98
23) Vinyl Acetate	5.84	43	815851	98.467	ug/l	99
24) 1,1-Dichloroethane	5.80	63	117050	19.260	ug/l	99
25) 2-Butanone	6.79	43	186123	98.542	ug/l	98
26) 2,2-Dichloropropane	6.77	77	110825	19.129	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	72784	18.755	ug/l	97
28) Bromochloromethane	7.15	49	54411	21.093	ug/l	99
29) Tetrahydrofuran	7.17	42	122073	97.590	ug/l	98
30) Chloroform	7.33	83	123432	19.446	ug/l	96
31) Cyclohexane	7.61	56	109047	18.511	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111832	19.280	ug/l	100
36) 1,1-Dichloropropene	7.75	75	90829	18.949	ug/l	100
37) Ethyl Acetate	6.88	43	79467	18.281	ug/l	98
38) Carbon Tetrachloride	7.73	117	82787	18.757	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	111555	19.054	ug/l	99
40) Benzene	8.00	78	277100	19.183	ug/l	97
41) Methacrylonitrile	7.14	41	38442m	20.938	ug/l	
42) 1,2-Dichloroethane	8.08	62	98998	19.022	ug/l	100
43) Isopropyl Acetate	8.13	43	145605	19.205	ug/l	98
44) Trichloroethene	8.80	130	70992	18.756	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71047	19.650	ug/l	98
46) Dibromomethane	9.17	93	48087	18.972	ug/l	99
47) Bromodichloromethane	9.37	83	102407	19.176	ug/l	94
48) Methyl methacrylate	9.17	41	64864	18.520	ug/l	98
49) 1,4-Dioxane	9.17	88	17650	458.705	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	406043	98.311	ug/l	99
52) Toluene	10.12	92	176604	19.043	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	111873	19.113	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	118004	18.965	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	68597	19.565	ug/l	98
56) Ethyl methacrylate	10.40	69	105281	19.207	ug/l	99
57) 1,3-Dichloropropane	10.68	76	117968	19.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	226481	94.130	ug/l	99
59) 2-Hexanone	10.72	43	289202	96.783	ug/l	100
60) Dibromochloromethane	10.88	129	72971	18.815	ug/l	99
61) 1,2-Dibromoethane	10.98	107	70520	19.129	ug/l	99
64) Tetrachloroethene	10.60	164	69030	18.451	ug/l	97
65) Chlorobenzene	11.41	112	186625	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	66429	18.790	ug/l	99
67) Ethyl Benzene	11.48	91	342225	19.012	ug/l	100
68) m/p-Xylenes	11.60	106	255915	37.455	ug/l	99
69) o-Xylene	11.92	106	126364	19.111	ug/l	97
70) Styrene	11.94	104	201761	18.427	ug/l	97
71) Bromoform	12.10	173	44129	17.424	ug/l #	99
73) Isopropylbenzene	12.22	105	337176	19.190	ug/l	99
74) N-amyl acetate	12.04	43	122032	18.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	92443	19.123	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	81965m	17.453	ug/l	
77) Bromobenzene	12.50	156	71203	18.673	ug/l	96
78) n-propylbenzene	12.56	91	384404	19.202	ug/l	99
79) 2-Chlorotoluene	12.65	91	222468	18.801	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	279963	19.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31999	18.075	ug/l	97
82) 4-Chlorotoluene	12.75	91	232305	18.960	ug/l	99
83) tert-Butylbenzene	12.97	119	235847	19.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	273192	18.975	ug/l	99
85) sec-Butylbenzene	13.15	105	319043	19.147	ug/l	99
86) p-Isopropyltoluene	13.26	119	281260	19.008	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129890	18.613	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	130938	18.735	ug/l	99
89) n-Butylbenzene	13.59	91	253960	18.892	ug/l	100
90) Hexachloroethane	13.85	117	38105	19.002	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	127304	19.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19229	19.692	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68028	18.742	ug/l	99
94) Hexachlorobutadiene	14.98	225	30712	19.043	ug/l	98
95) Naphthalene	15.10	128	219608	19.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	67386	18.649	ug/l	98

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

