

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055408.D
 Acq On : 6 May 2019 10:44
 Operator : JC/SP
 Sample : VN0506WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 1:22:27 PM

Quant Time: May 07 01:27:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	403919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	265613	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.59	113	211558	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.09	98	758945	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	243241	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	93589	18.911	ug/l	100
3) Chloromethane	2.06	50	105240	17.174	ug/l	99
4) Vinyl Chloride	2.19	62	93727	18.974	ug/l	99
5) Bromomethane	2.57	94	51495	19.681	ug/l	98
6) Chloroethane	2.71	64	52432	19.594	ug/l	100
7) Trichlorofluoromethane	3.02	101	139462	19.855	ug/l	98
8) Diethyl Ether	3.41	74	48858	19.882	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	81012	19.368	ug/l	99
10) Methyl Iodide	3.96	142	108179	18.378	ug/l	97
11) Tert butyl alcohol	4.78	59	29010	95.890	ug/l	100
12) 1,1-Dichloroethene	3.74	96	77323	19.379	ug/l	98
13) Acrolein	3.62	56	14309	60.563	ug/l	99
14) Allyl chloride	4.33	41	161055	19.489	ug/l	100
15) Acrylonitrile	5.00	53	167523	98.513	ug/l	100
16) Acetone	3.82	43	159016	96.579	ug/l	97
17) Carbon Disulfide	4.06	76	178491	17.141	ug/l	99
18) Methyl Acetate	4.33	43	86863	21.057	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	226519	20.194	ug/l	98
20) Methylene Chloride	4.55	84	90624	18.032	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	78929	18.678	ug/l	95
22) Diisopropyl ether	5.95	45	345341	21.033	ug/l	94
23) Vinyl Acetate	5.90	43	1064975	98.964	ug/l	100
24) 1,1-Dichloroethane	5.85	63	175827	20.098	ug/l	99
25) 2-Butanone	6.84	43	211454	100.423	ug/l	99
26) 2,2-Dichloropropane	6.83	77	122224	20.232	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	96864	20.157	ug/l	98
28) Bromochloromethane	7.20	49	88914	20.163	ug/l	98
29) Tetrahydrofuran	7.22	42	136458	101.208	ug/l	96
30) Chloroform	7.37	83	168554	20.325	ug/l	99
31) Cyclohexane	7.66	56	158184	19.031	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	132072	19.623	ug/l	98
36) 1,1-Dichloropropene	7.79	75	115742	18.795	ug/l	99
37) Ethyl Acetate	6.93	43	85249	18.063	ug/l	98
38) Carbon Tetrachloride	7.78	117	112182	18.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	125662	19.193	ug/l	98
40) Benzene	8.04	78	363147	20.004	ug/l	99
41) Methacrylonitrile	7.18	41	55413	22.113	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	124372	19.344	ug/l	99
43) Isopropyl Acetate	8.17	43	150602	19.856	ug/l #	89
44) Trichloroethene	8.84	130	89302	19.297	ug/l	97
45) 1,2-Dichloropropane	9.12	63	102920	19.657	ug/l	97
46) Dibromomethane	9.21	93	55524	19.401	ug/l	99
47) Bromodichloromethane	9.40	83	123828	20.169	ug/l	100
48) Methyl methacrylate	9.20	41	70913	19.018	ug/l	99
49) 1,4-Dioxane	9.20	88	14089	365.526	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	425544	99.652	ug/l	98
52) Toluene	10.15	92	205545	19.734	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	106639	20.008	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	135275	20.357	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	77361	20.001	ug/l	97
56) Ethyl methacrylate	10.43	69	92239	19.375	ug/l	98
57) 1,3-Dichloropropane	10.71	76	137502	20.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	84840	66.977	ug/l	99
59) 2-Hexanone	10.75	43	267034	99.942	ug/l	97
60) Dibromochloromethane	10.90	129	79818	20.191	ug/l	99
61) 1,2-Dibromoethane	11.00	107	69266	19.375	ug/l	100
64) Tetrachloroethene	10.63	164	90022	20.339	ug/l	98
65) Chlorobenzene	11.43	112	207715	19.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	81326	19.627	ug/l	99
67) Ethyl Benzene	11.51	91	383934	20.092	ug/l	100
68) m/p-Xylenes	11.62	106	278087	40.770	ug/l	98
69) o-Xylene	11.95	106	135015	19.971	ug/l	97
70) Styrene	11.96	104	216031	20.812	ug/l	98
71) Bromoform	12.12	173	48005	20.879	ug/l #	99
73) Isopropylbenzene	12.25	105	370929	21.136	ug/l	100
74) N-amyl acetate	12.07	43	90400	17.350	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	88650	20.139	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	81340m	20.046	ug/l	
77) Bromobenzene	12.53	156	85260	20.722	ug/l	99
78) n-propylbenzene	12.59	91	399380	19.150	ug/l	100
79) 2-Chlorotoluene	12.67	91	252289	21.406	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	308473	19.381	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19531	18.231	ug/l	91
82) 4-Chlorotoluene	12.77	91	233447	19.252	ug/l	100
83) tert-Butylbenzene	12.99	119	262950	21.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288923	20.297	ug/l	98
85) sec-Butylbenzene	13.17	105	336035	19.424	ug/l	99
86) p-Isopropyltoluene	13.29	119	282363	19.858	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	132961	19.571	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	126022	19.698	ug/l	99
89) n-Butylbenzene	13.61	91	197271	19.525	ug/l	99
90) Hexachloroethane	13.87	117	46901	19.883	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	133788	19.869	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11315	21.184	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39448	17.187	ug/l	96
94) Hexachlorobutadiene	15.01	225	49869	23.107	ug/l	97
95) Naphthalene	15.13	128	78009	16.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	42493	18.018	ug/l	98

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

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