

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010219\
 Data File : VN053240.D
 Acq On : 2 Jan 2019 11:31
 Operator : MD\SY
 Sample : VN0102WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:55:35 AM

Quant Time: Jan 03 01:56:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	892497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1380248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1172274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	501821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	517083	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	7.59	113	438335	69.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.04%	
50) Toluene-d8	10.09	98	1798274	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	586197	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	161080	17.833	ug/l	98
3) Chloromethane	2.06	50	198093	18.098	ug/l	97
4) Vinyl Chloride	2.19	62	209418	18.891	ug/l	99
5) Bromomethane	2.58	94	136354	17.753	ug/l	98
6) Chloroethane	2.71	64	127050	19.351	ug/l	98
7) Trichlorofluoromethane	3.03	101	288491	20.890	ug/l	99
8) Diethyl Ether	3.42	74	114529	21.983	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	183414	20.831	ug/l	97
10) Methyl Iodide	3.96	142	228907	18.512	ug/l	99
11) Tert butyl alcohol	4.78	59	59033	106.821	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	175135	20.588	ug/l	98
13) Acrolein	3.61	56	50420	100.620	ug/l	98
14) Allyl chloride	4.33	41	273242	20.737	ug/l	97
15) Acrylonitrile	4.99	53	338599	110.288	ug/l	100
16) Acetone	3.82	43	233963	131.749	ug/l	97
17) Carbon Disulfide	4.06	76	456970	16.472	ug/l	100
18) Methyl Acetate	4.33	43	191945	24.334	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	506603	22.254	ug/l	99
20) Methylene Chloride	4.55	84	206271	21.294	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	186893	20.449	ug/l	99
22) Diisopropyl ether	5.95	45	641396	22.805	ug/l	99
23) Vinyl Acetate	5.90	43	1828396	113.052	ug/l	98
24) 1,1-Dichloroethane	5.85	63	365200	21.851	ug/l	100
25) 2-Butanone	6.84	43	358236	120.203	ug/l	100
26) 2,2-Dichloropropane	6.83	77	271309	21.266	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	222811	21.534	ug/l	99
28) Bromochloromethane	7.20	49	173484	23.955	ug/l	98
29) Tetrahydrofuran	7.21	42	250758	112.656	ug/l	99
30) Chloroform	7.37	83	359354	21.888	ug/l	100
31) Cyclohexane	7.66	56	321072	19.850	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	297049	21.239	ug/l	99
36) 1,1-Dichloropropene	7.80	75	266015	20.080	ug/l	99
37) Ethyl Acetate	6.93	43	162958	22.034	ug/l	100
38) Carbon Tetrachloride	7.77	117	254457	20.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	296738	18.438	ug/l	99
40) Benzene	8.04	78	820695	20.827	ug/l	98
41) Methacrylonitrile	7.17	41	97225	22.753	ug/l	96
42) 1,2-Dichloroethane	8.12	62	248324	21.332	ug/l	100
43) Isopropyl Acetate	8.17	43	302251	20.503	ug/l	98
44) Trichloroethene	8.84	130	222791	19.547	ug/l	99
45) 1,2-Dichloropropane	9.12	63	225176	21.938	ug/l	100
46) Dibromomethane	9.21	93	126602	21.173	ug/l	97
47) Bromodichloromethane	9.40	83	269218	21.182	ug/l	100
48) Methyl methacrylate	9.20	41	146720	20.444	ug/l	97
49) 1,4-Dioxane	9.20	88	33350	367.371	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	796951	111.273	ug/l	99
52) Toluene	10.16	92	494396	20.242	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	266036	19.905	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	316701	20.644	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	186305	21.864	ug/l	98
56) Ethyl methacrylate	10.43	69	236641	20.982	ug/l	95
57) 1,3-Dichloropropane	10.71	76	315705	21.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	664611	107.337	ug/l	99
59) 2-Hexanone	10.75	43	513236	105.914	ug/l	100
60) Dibromochloromethane	10.90	129	201437	20.652	ug/l	100
61) 1,2-Dibromoethane	11.01	107	178321	20.605	ug/l	100
64) Tetrachloroethene	10.63	164	237538	18.706	ug/l	99
65) Chlorobenzene	11.43	112	539893	20.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	199863	22.117	ug/l	99
67) Ethyl Benzene	11.51	91	914775	20.470	ug/l	99
68) m/p-Xylenes	11.62	106	684099	40.267	ug/l	99
69) o-Xylene	11.95	106	335623	20.588	ug/l	100
70) Styrene	11.96	104	543491	20.445	ug/l	99
71) Bromoform	12.13	173	134332	20.577	ug/l #	98
73) Isopropylbenzene	12.25	105	888252	22.623	ug/l	99
74) N-amyl acetate	12.07	43	233316	21.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	201967	26.220	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	172043m	20.366	ug/l	
77) Bromobenzene	12.53	156	226437	22.186	ug/l	97
78) n-propylbenzene	12.59	91	970113	21.694	ug/l	99
79) 2-Chlorotoluene	12.67	91	581905	20.994	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	683690	21.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55502	21.176	ug/l	98
82) 4-Chlorotoluene	12.77	91	579583	21.361	ug/l	100
83) tert-Butylbenzene	12.99	119	618291	21.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	690214	21.454	ug/l	99
85) sec-Butylbenzene	13.17	105	794772	20.760	ug/l	100
86) p-Isopropyltoluene	13.29	119	669979	20.253	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	369658	20.464	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363376	19.864	ug/l	100
89) n-Butylbenzene	13.62	91	518712	18.227	ug/l	100
90) Hexachloroethane	13.88	117	106916	21.061	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	350381	20.610	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26795	20.118	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	156777	17.795	ug/l	99
94) Hexachlorobutadiene	15.01	225	104195	20.657	ug/l	99
95) Naphthalene	15.13	128	325974	17.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	143531	18.024	ug/l	98

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

