

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053499.D
 Acq On : 21 Jan 2019 11:52
 Operator : JC/SP
 Sample : VN0121WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 9:47:25 AM

Quant Time: Jan 22 04:41:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	757174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1124888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1013764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	497716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	381643	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	346720	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.09	98	1392298	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.40	95	476409	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	118486	19.463	ug/l	99
3) Chloromethane	2.06	50	161568	18.563	ug/l	99
4) Vinyl Chloride	2.19	62	161028	19.193	ug/l	98
5) Bromomethane	2.57	94	112812	19.596	ug/l	96
6) Chloroethane	2.71	64	99572	19.629	ug/l	97
7) Trichlorofluoromethane	3.02	101	223850	20.398	ug/l	99
8) Diethyl Ether	3.41	74	81866	19.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	141004	20.288	ug/l	99
10) Methyl Iodide	3.96	142	205550	19.353	ug/l	100
11) Tert butyl alcohol	4.77	59	34355	93.814	ug/l	100
12) 1,1-Dichloroethene	3.74	96	132684	19.682	ug/l	95
13) Acrolein	3.61	56	55015	92.725	ug/l	100
14) Allyl chloride	4.33	41	203878	18.619	ug/l	93
15) Acrylonitrile	4.98	53	238396	98.918	ug/l	99
16) Acetone	3.81	43	172400	98.185	ug/l	100
17) Carbon Disulfide	4.06	76	381520	18.715	ug/l	99
18) Methyl Acetate	4.32	43	118475	20.027	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	360309	20.116	ug/l	100
20) Methylene Chloride	4.55	84	156549	19.528	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	144473	20.046	ug/l	99
22) Diisopropyl ether	5.95	45	468372	20.490	ug/l	99
23) Vinyl Acetate	5.89	43	1400388	99.659	ug/l	98
24) 1,1-Dichloroethane	5.85	63	276463	20.458	ug/l	100
25) 2-Butanone	6.83	43	260608	96.314	ug/l	100
26) 2,2-Dichloropropane	6.82	77	206724	20.261	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	167374	20.309	ug/l	100
28) Bromochloromethane	7.19	49	125015	21.000	ug/l	99
29) Tetrahydrofuran	7.21	42	167821	95.272	ug/l	99
30) Chloroform	7.37	83	272245	20.678	ug/l	97
31) Cyclohexane	7.65	56	256853	19.394	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	224264	20.080	ug/l	99
36) 1,1-Dichloropropene	7.79	75	207184	20.224	ug/l	99
37) Ethyl Acetate	6.93	43	113471	19.252	ug/l	98
38) Carbon Tetrachloride	7.77	117	197858	20.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	252603	19.950	ug/l	96
40) Benzene	8.04	78	636632	20.450	ug/l	100
41) Methacrylonitrile	7.17	41	60924	17.831	ug/l	92
42) 1,2-Dichloroethane	8.12	62	188223	20.754	ug/l	100
43) Isopropyl Acetate	8.16	43	208848	19.706	ug/l	99
44) Trichloroethene	8.83	130	181869	21.066	ug/l	100
45) 1,2-Dichloropropane	9.12	63	169259	20.527	ug/l	98
46) Dibromomethane	9.21	93	95364	20.130	ug/l	98
47) Bromodichloromethane	9.40	83	201004	20.175	ug/l	98
48) Methyl methacrylate	9.20	41	103107	18.843	ug/l	99
49) 1,4-Dioxane	9.20	88	21794	407.814	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	561164	96.997	ug/l	99
52) Toluene	10.15	92	393966	20.384	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	202173	20.020	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	243444	20.565	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	136371	20.466	ug/l	99
56) Ethyl methacrylate	10.43	69	164047	18.692	ug/l	100
57) 1,3-Dichloropropane	10.71	76	234428	20.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	451771	96.915	ug/l	100
59) 2-Hexanone	10.75	43	385150	94.834	ug/l	98
60) Dibromochloromethane	10.90	129	154808	20.484	ug/l	100
61) 1,2-Dibromoethane	11.00	107	134415	19.946	ug/l	98
64) Tetrachloroethene	10.63	164	203435	21.294	ug/l	99
65) Chlorobenzene	11.43	112	442128	20.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	158223	21.196	ug/l	97
67) Ethyl Benzene	11.51	91	741969	20.289	ug/l	99
68) m/p-Xylenes	11.62	106	578732	41.916	ug/l	98
69) o-Xylene	11.95	106	278710	20.774	ug/l	98
70) Styrene	11.96	104	456518	20.966	ug/l	100
71) Bromoform	12.12	173	103279	20.096	ug/l #	98
73) Isopropylbenzene	12.25	105	739146	20.279	ug/l	100
74) N-amyl acetate	12.07	43	177941	18.314	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	142046	18.582	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	125853m	19.188	ug/l	
77) Bromobenzene	12.53	156	193708	20.169	ug/l	99
78) n-propylbenzene	12.59	91	850863	20.337	ug/l	100
79) 2-Chlorotoluene	12.67	91	504108	20.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	611675	20.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44307	18.763	ug/l	96
82) 4-Chlorotoluene	12.77	91	513908	20.321	ug/l	100
83) tert-Butylbenzene	12.99	119	544963	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	625683	20.925	ug/l	99
85) sec-Butylbenzene	13.17	105	737799	20.539	ug/l	100
86) p-Isopropyltoluene	13.29	119	648584	20.795	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	350424	20.742	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	346146	20.426	ug/l	100
89) n-Butylbenzene	13.61	91	541926	20.384	ug/l	99
90) Hexachloroethane	13.87	117	98259	20.087	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	333095	21.431	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21207	21.880	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143163	22.487	ug/l	99
94) Hexachlorobutadiene	15.01	225	113500	23.410	ug/l	99
95) Naphthalene	15.13	128	217930	20.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	100803	22.424	ug/l	100

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

