

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052623.D
 Acq On : 3 Dec 2018 11:21
 Operator : MD\SY
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 2:56:44 PM

Quant Time: Dec 04 01:03:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1024294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1589945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1400340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	619602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	542396	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	493268	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.09	98	1847641	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	617322	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	166270	17.336	ug/l 96
3) Chloromethane	2.06	50	215460	17.019	ug/l 100
4) Vinyl Chloride	2.19	62	226214	17.395	ug/l 100
5) Bromomethane	2.58	94	133818	16.492	ug/l 99
6) Chloroethane	2.71	64	138610	17.596	ug/l 98
7) Trichlorofluoromethane	3.02	101	293823	18.393	ug/l 99
8) Diethyl Ether	3.42	74	113334	19.212	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	183340	18.393	ug/l 99
10) Methyl Iodide	3.96	142	254359	19.159	ug/l 99
11) Tert butyl alcohol	4.78	59	57431	102.861	ug/l 98
12) 1,1-Dichloroethene	3.74	96	177794	18.530	ug/l 98
13) Acrolein	3.61	56	62571	64.480	ug/l 100
14) Allyl chloride	4.33	41	301496	18.232	ug/l 97
15) Acrylonitrile	4.99	53	343416	97.166	ug/l 99
16) Acetone	3.82	43	269168	91.503	ug/l 100
17) Carbon Disulfide	4.06	76	503759	16.684	ug/l 98
18) Methyl Acetate	4.33	43	171626	20.340	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	495182	19.397	ug/l 98
20) Methylene Chloride	4.56	84	206817	17.966	ug/l 99
21) trans-1,2-Dichloroethene	5.05	96	188378	18.383	ug/l 97
22) Diisopropyl ether	5.95	45	651417	18.753	ug/l 98
23) Vinyl Acetate	5.90	43	2020772	93.400	ug/l 99
24) 1,1-Dichloroethane	5.85	63	371315	18.722	ug/l 99
25) 2-Butanone	6.84	43	393848	94.460	ug/l 97
26) 2,2-Dichloropropane	6.83	77	262821	19.145	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	224955	18.845	ug/l 98
28) Bromochloromethane	7.20	49	165908	18.315	ug/l 95
29) Tetrahydrofuran	7.21	42	259102	96.346	ug/l 99
30) Chloroform	7.37	83	364639	18.428	ug/l 100
31) Cyclohexane	7.66	56	342318	17.596	ug/l 91
32) 1,1,1-Trichloroethane	7.57	97	300234	19.150	ug/l 99
36) 1,1-Dichloropropene	7.80	75	274266	18.267	ug/l 99
37) Ethyl Acetate	6.93	43	176229	19.232	ug/l 98
38) Carbon Tetrachloride	7.78	117	258161	18.994	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	324039	17.756	ug/l	98
40) Benzene	8.04	78	843781	18.857	ug/l	99
41) Methacrylonitrile	7.17	41	92246	18.414	ug/l	93
42) 1,2-Dichloroethane	8.13	62	258143	19.053	ug/l	99
43) Isopropyl Acetate	8.17	43	314542	20.284	ug/l #	87
44) Trichloroethene	8.84	130	217396	18.968	ug/l	96
45) 1,2-Dichloropropane	9.12	63	224830	18.899	ug/l	98
46) Dibromomethane	9.21	93	128052	19.444	ug/l	98
47) Bromodichloromethane	9.40	83	274238	19.153	ug/l	99
48) Methyl methacrylate	9.20	41	154440	19.100	ug/l	100
49) 1,4-Dioxane	9.20	88	35733	425.822	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	858738	98.701	ug/l	99
52) Toluene	10.16	92	507883	19.104	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	263124	19.102	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	318529	19.297	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	182089	19.472	ug/l	99
56) Ethyl methacrylate	10.43	69	231913	19.591	ug/l	98
57) 1,3-Dichloropropane	10.71	76	313043	18.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	681827	100.481	ug/l	99
59) 2-Hexanone	10.75	43	571288	97.835	ug/l	99
60) Dibromochloromethane	10.90	129	200777	19.768	ug/l	98
61) 1,2-Dibromoethane	11.01	107	177985	19.163	ug/l	99
64) Tetrachloroethene	10.63	164	211303	19.462	ug/l	98
65) Chlorobenzene	11.44	112	551959	19.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193419	19.265	ug/l	98
67) Ethyl Benzene	11.51	91	960770	19.001	ug/l	99
68) m/p-Xylenes	11.62	106	715389	38.004	ug/l	100
69) o-Xylene	11.95	106	353409	19.333	ug/l	100
70) Styrene	11.97	104	567904	19.505	ug/l	99
71) Bromoform	12.13	173	131821	19.830	ug/l #	99
73) Isopropylbenzene	12.25	105	934312	19.220	ug/l	100
74) N-amyl acetate	12.07	43	234551	19.098	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	218374	19.748	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	186346m	19.503	ug/l	
77) Bromobenzene	12.53	156	234143	19.487	ug/l	98
78) n-propylbenzene	12.59	91	1052272	19.054	ug/l	100
79) 2-Chlorotoluene	12.68	91	627009	19.066	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	756070	19.502	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56268	19.667	ug/l	98
82) 4-Chlorotoluene	12.78	91	618013	18.646	ug/l	98
83) tert-Butylbenzene	12.99	119	665526	19.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	752551	19.369	ug/l	100
85) sec-Butylbenzene	13.17	105	896430	19.042	ug/l	100
86) p-Isopropyltoluene	13.29	119	770833	19.224	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	395067	18.797	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	391425	18.907	ug/l	99
89) n-Butylbenzene	13.62	91	618539	18.549	ug/l	100
90) Hexachloroethane	13.88	117	129561	19.083	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	388608	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31288	19.783	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	184532	18.656	ug/l	99
94) Hexachlorobutadiene	15.01	225	120064	18.586	ug/l	99
95) Naphthalene	15.13	128	378290	18.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	175849	19.166	ug/l	100

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

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