

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052401.D
 Acq On : 20 Nov 2018 12:25
 Operator : MD\SY
 Sample : VN1120WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:12:33 PM

Quant Time: Nov 20 13:28:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	260019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	435911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	388422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200214	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	150442	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	10.09	98	563784	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	189559	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	55035	19.97	ug/l	98
3) Chloromethane	2.06	50	72944	19.05	ug/l	98
4) Vinyl Chloride	2.19	62	65676	19.84	ug/l	97
5) Bromomethane	2.58	94	36626	17.75	ug/l	96
6) Chloroethane	2.71	64	39046	20.86	ug/l	99
7) Trichlorofluoromethane	3.02	101	95594	20.87	ug/l	99
8) Diethyl Ether	3.41	74	34172	19.58	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.77	101	57437	19.86	ug/l	98
10) Methyl Iodide	3.96	142	57863	14.90	ug/l	96
11) Tert butyl alcohol	4.78	59	18798	96.92	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	50896	19.01	ug/l	96
13) Acrolein	3.61	56	24076	96.91	ug/l	99
14) Allyl chloride	4.33	41	110989	20.19	ug/l	95
15) Acrylonitrile	4.99	53	109721	99.08	ug/l	98
16) Acetone	3.82	43	109389	108.18	ug/l	94
17) Carbon Disulfide	4.06	76	153549	20.01	ug/l	96
18) Methyl Acetate	4.33	43	57047	20.39	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	155423	20.21	ug/l	98
20) Methylene Chloride	4.55	84	62106	19.77	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	54937	19.06	ug/l	97
22) Diisopropyl ether	5.95	45	232626	20.74	ug/l	95
23) Vinyl Acetate	5.90	43	724993	95.30	ug/l	100
24) 1,1-Dichloroethane	5.85	63	122237	20.33	ug/l	99
25) 2-Butanone	6.84	43	146260	102.76	ug/l	95
26) 2,2-Dichloropropane	6.83	77	82829	18.73	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	63645	18.97	ug/l	93
28) Bromochloromethane	7.19	49	67902	21.96	ug/l	95
29) Tetrahydrofuran	7.21	42	91771	98.15	ug/l	99
30) Chloroform	7.37	83	118633	20.70	ug/l	97
31) Cyclohexane	7.66	56	114443	19.86	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	96913	19.85	ug/l	96
36) 1,1-Dichloropropene	7.79	75	89046	20.38	ug/l	100
37) Ethyl Acetate	6.93	43	62513	19.71	ug/l	96
38) Carbon Tetrachloride	7.77	117	84885	21.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	100468	20.14	ug/l	99
40) Benzene	8.04	78	249305	19.97	ug/l	97
41) Methacrylonitrile	7.18	41	36489	22.88	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	98639	22.16	ug/l	99
43) Isopropyl Acetate	8.17	43	111726	18.26	ug/l	100
44) Trichloroethene	8.84	130	61459	19.99	ug/l	98
45) 1,2-Dichloropropane	9.12	63	71627	20.22	ug/l	100
46) Dibromomethane	9.21	93	41590	20.28	ug/l	97
47) Bromodichloromethane	9.40	83	90532	21.51	ug/l	99
48) Methyl methacrylate	9.20	41	55215	17.78	ug/l	97
49) 1,4-Dioxane	9.20	88	10232	429.31	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	315718	102.51	ug/l	99
52) Toluene	10.16	92	151827	20.33	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	82685	19.48	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	95918	19.83	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	52438	19.37	ug/l	98
56) Ethyl methacrylate	10.43	69	65035	18.27	ug/l	97
57) 1,3-Dichloropropane	10.71	76	97048	20.24	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	203683	100.50	ug/l	98
59) 2-Hexanone	10.75	43	213000	100.54	ug/l	98
60) Dibromochloromethane	10.90	129	60854	20.78	ug/l	100
61) 1,2-Dibromoethane	11.01	107	51513	19.11	ug/l	99
64) Tetrachloroethene	10.63	164	55148	19.97	ug/l	99
65) Chlorobenzene	11.43	112	165071	20.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	58641	20.95	ug/l	99
67) Ethyl Benzene	11.51	91	289267	20.30	ug/l	100
68) m/p-Xylenes	11.62	106	213668	41.04	ug/l	97
69) o-Xylene	11.95	106	103711	20.78	ug/l	98
70) Styrene	11.96	104	167311	20.94	ug/l	99
71) Bromoform	12.13	173	35895	21.71	ug/l #	98
73) Isopropylbenzene	12.25	105	281537	20.04	ug/l	97
74) N-amyl acetate	12.07	43	88006	17.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	66330	19.53	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	60195m	20.30	ug/l	
77) Bromobenzene	12.53	156	63749	19.50	ug/l	98
78) n-propylbenzene	12.59	91	336189	20.46	ug/l	98
79) 2-Chlorotoluene	12.67	91	195972	20.42	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	231629	20.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	16449	18.00	ug/l	92
82) 4-Chlorotoluene	12.77	91	197143	20.05	ug/l	97
83) tert-Butylbenzene	12.99	119	198761	20.15	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	234364	20.90	ug/l	97
85) sec-Butylbenzene	13.17	105	280684	20.89	ug/l	99
86) p-Isopropyltoluene	13.29	119	236357	20.77	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	115365	19.87	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	114712	19.88	ug/l	98
89) n-Butylbenzene	13.61	91	206409	21.12	ug/l	99
90) Hexachloroethane	13.87	117	41624	20.65	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	110315	19.62	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10601	21.17	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49198	20.21	ug/l	98
94) Hexachlorobutadiene	15.01	225	27699	21.52	ug/l	98
95) Naphthalene	15.13	128	105993	18.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43893	20.54	ug/l	98

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

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