

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052430.D
 Acq On : 21 Nov 2018 11:37
 Operator : MD\SY
 Sample : VN1121WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 4:56:35 PM

Quant Time: Nov 22 00:20:40 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	252754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	430149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	381854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	202013	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.59	113	150980	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	10.09	98	556606	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	184652	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	53984	20.16	ug/l	98
3) Chloromethane	2.06	50	70683	18.99	ug/l	97
4) Vinyl Chloride	2.19	62	63645	19.78	ug/l	95
5) Bromomethane	2.58	94	35537	17.72	ug/l	98
6) Chloroethane	2.71	64	36567	20.10	ug/l	98
7) Trichlorofluoromethane	3.03	101	97177	21.83	ug/l	96
8) Diethyl Ether	3.42	74	32167	18.96	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	54400	19.35	ug/l	98
10) Methyl Iodide	3.96	142	62984	16.68	ug/l	96
11) Tert butyl alcohol	4.78	59	16356	86.76	ug/l	97
12) 1,1-Dichloroethene	3.74	96	49327	18.96	ug/l	99
13) Acrolein	3.61	56	23641	97.67	ug/l	97
14) Allyl chloride	4.33	41	101207	18.94	ug/l	92
15) Acrylonitrile	4.99	53	102626	95.33	ug/l	100
16) Acetone	3.82	43	97155	98.85	ug/l	95
17) Carbon Disulfide	4.06	76	144691	19.39	ug/l	98
18) Methyl Acetate	4.33	43	56013	20.59	ug/l #	78
19) Methyl tert-butyl Ether	5.05	73	147511	19.73	ug/l	97
20) Methylene Chloride	4.56	84	61397	20.11	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	54130	19.32	ug/l	97
22) Diisopropyl ether	5.95	45	230673	21.16	ug/l	97
23) Vinyl Acetate	5.90	43	725335	98.09	ug/l	99
24) 1,1-Dichloroethane	5.85	63	119519	20.45	ug/l	98
25) 2-Butanone	6.84	43	134507	97.22	ug/l	96
26) 2,2-Dichloropropane	6.83	77	84158	19.58	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	64587	19.81	ug/l	97
28) Bromochloromethane	7.20	49	64801	21.56	ug/l	94
29) Tetrahydrofuran	7.21	42	82127	90.36	ug/l	99
30) Chloroform	7.37	83	117186	21.04	ug/l	95
31) Cyclohexane	7.66	56	110381	19.70	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	99518	20.97	ug/l	98
36) 1,1-Dichloropropene	7.79	75	87759	20.36	ug/l	99
37) Ethyl Acetate	6.93	43	58718	18.77	ug/l	99
38) Carbon Tetrachloride	7.78	117	84580	21.35	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	93736	19.05	ug/l	94
40) Benzene	8.04	78	246134	19.98	ug/l	99
41) Methacrylonitrile	7.19	41	35466m	22.60	ug/l	
42) 1,2-Dichloroethane	8.12	62	95205	21.68	ug/l	99
43) Isopropyl Acetate	8.17	43	110323	18.27	ug/l #	85
44) Trichloroethene	8.84	130	59868	19.73	ug/l	99
45) 1,2-Dichloropropane	9.12	63	71527	20.46	ug/l	98
46) Dibromomethane	9.21	93	40280	19.91	ug/l	96
47) Bromodichloromethane	9.40	83	89761	21.62	ug/l	97
48) Methyl methacrylate	9.20	41	56040	18.29	ug/l	96
49) 1,4-Dioxane	9.20	88	8905	378.64	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	296012	97.40	ug/l	97
52) Toluene	10.16	92	148384	20.14	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	82610	19.73	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	96987	20.32	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	52333	19.59	ug/l	99
56) Ethyl methacrylate	10.43	69	63066	17.95	ug/l	95
57) 1,3-Dichloropropane	10.71	76	94095	19.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	193232	96.62	ug/l	97
59) 2-Hexanone	10.75	43	192628	92.14	ug/l	98
60) Dibromochloromethane	10.90	129	58759	20.33	ug/l	98
61) 1,2-Dibromoethane	11.01	107	50903	19.13	ug/l	99
64) Tetrachloroethene	10.63	164	53764	19.80	ug/l	99
65) Chlorobenzene	11.43	112	160595	19.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	55824	20.28	ug/l	97
67) Ethyl Benzene	11.51	91	283764	20.26	ug/l	98
68) m/p-Xylenes	11.62	106	209599	40.95	ug/l	99
69) o-Xylene	11.95	106	101407	20.67	ug/l	98
70) Styrene	11.96	104	161511	20.56	ug/l	99
71) Bromoform	12.13	173	32688	20.11	ug/l #	99
73) Isopropylbenzene	12.25	105	275954	21.16	ug/l	99
74) N-amyl acetate	12.07	43	81176	17.48	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	62744	19.91	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	54499m	19.80	ug/l	
77) Bromobenzene	12.53	156	60538	19.95	ug/l	96
78) n-propylbenzene	12.59	91	315835	20.71	ug/l	99
79) 2-Chlorotoluene	12.68	91	187275	21.02	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	224781	21.68	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	15410	18.16	ug/l	91
82) 4-Chlorotoluene	12.77	91	187053	20.49	ug/l	98
83) tert-Butylbenzene	12.99	119	190466	20.81	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224341	21.55	ug/l	97
85) sec-Butylbenzene	13.17	105	263896	21.16	ug/l	99
86) p-Isopropyltoluene	13.29	119	220851	20.91	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	109301	20.28	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106340	19.85	ug/l	99
89) n-Butylbenzene	13.62	91	189827	20.92	ug/l	98
90) Hexachloroethane	13.88	117	38666	20.67	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	105670	20.24	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9001	19.37	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	40919	18.34	ug/l	98
94) Hexachlorobutadiene	15.01	225	25535	21.37	ug/l	99
95) Naphthalene	15.13	128	88263	17.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	38647	19.48	ug/l	97

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

