

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052380.D
 Acq On : 19 Nov 2018 13:03
 Operator : MD\SY
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 11:39:18 AM

Quant Time: Nov 20 07:28:37 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	260952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	431006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	188739	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	143720	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.09	98	540550	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	176810	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.86	85	54312	19.64	ug/l	96
3) Chloromethane	2.07	50	70921	18.46	ug/l	100
4) Vinyl Chloride	2.20	62	63734	19.19	ug/l	94
5) Bromomethane	2.58	94	35663	17.22	ug/l	98
6) Chloroethane	2.72	64	37837	20.15	ug/l	97
7) Trichlorofluoromethane	3.03	101	94659	20.59	ug/l	97
8) Diethyl Ether	3.42	74	31763	18.13	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.77	101	55325	19.06	ug/l	100
10) Methyl Iodide	3.96	142	54631	14.02	ug/l	94
11) Tert butyl alcohol	4.77	59	14235m	73.13	ug/l	
12) 1,1-Dichloroethene	3.75	96	50331	18.74	ug/l	93
13) Acrolein	3.61	56	15599	70.28	ug/l	99
14) Allyl chloride	4.33	41	101324	18.37	ug/l	91
15) Acrylonitrile	4.99	53	98516	88.64	ug/l	99
16) Acetone	3.82	43	91971	90.63	ug/l	93
17) Carbon Disulfide	4.06	76	157713	20.47	ug/l	98
18) Methyl Acetate	4.33	43	48430	17.32	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	146670	19.00	ug/l	96
20) Methylene Chloride	4.56	84	58622	18.55	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	52463	18.14	ug/l	95
22) Diisopropyl ether	5.95	45	221320	19.67	ug/l	98
23) Vinyl Acetate	5.90	43	657674	86.15	ug/l	100
24) 1,1-Dichloroethane	5.85	63	114491	18.97	ug/l	98
25) 2-Butanone	6.83	43	127650	89.37	ug/l	96
26) 2,2-Dichloropropane	6.83	77	78782	17.75	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	62383	18.53	ug/l	94
28) Bromochloromethane	7.20	49	63327	20.41	ug/l	94
29) Tetrahydrofuran	7.21	42	78590	83.75	ug/l	98
30) Chloroform	7.37	83	115984	20.17	ug/l	94
31) Cyclohexane	7.66	56	112934	19.51	ug/l	# 94
32) 1,1,1-Trichloroethane	7.57	97	95025	19.40	ug/l	97
36) 1,1-Dichloropropene	7.79	75	84694	19.61	ug/l	99
37) Ethyl Acetate	6.93	43	50560	16.13	ug/l	# 78
38) Carbon Tetrachloride	7.77	117	83315	20.99	ug/l	98

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

39) Methylcyclohexane	9.08	83	96135	19.49	ug/l	95
40) Benzene	8.04	78	241129	19.54	ug/l	97
41) Methacrylonitrile	7.17	41	27356	18.24	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	88920	20.21	ug/l	100
43) Isopropyl Acetate	8.16	43	97698	16.15	ug/l	99
44) Trichloroethene	8.83	130	60866	20.02	ug/l	98
45) 1,2-Dichloropropane	9.12	63	67057	19.15	ug/l	98
46) Dibromomethane	9.21	93	38968	19.22	ug/l	97
47) Bromodichloromethane	9.40	83	86694	20.84	ug/l	99
48) Methyl methacrylate	9.20	41	50021	16.29	ug/l	96
49) 1,4-Dioxane	9.20	88	8413	357.01	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	274786	90.23	ug/l	98
52) Toluene	10.15	92	144114	19.52	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	80120	19.09	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	91551	19.14	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	50817	18.99	ug/l	95
56) Ethyl methacrylate	10.43	69	55637	15.81	ug/l	93
57) 1,3-Dichloropropane	10.71	76	90847	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	182969	91.31	ug/l	98
59) 2-Hexanone	10.75	43	176366	84.20	ug/l	99
60) Dibromochloromethane	10.90	129	58324	20.14	ug/l	98
61) 1,2-Dibromoethane	11.00	107	48784	18.30	ug/l	100
64) Tetrachloroethene	10.63	164	54255	20.44	ug/l	99
65) Chlorobenzene	11.43	112	155165	19.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	54804	20.37	ug/l	99
67) Ethyl Benzene	11.51	91	280518	20.48	ug/l	98
68) m/p-Xylenes	11.62	106	205852	41.14	ug/l	99
69) o-Xylene	11.95	106	102106	21.29	ug/l	98
70) Styrene	11.96	104	159851	20.81	ug/l	99
71) Bromoform	12.13	173	34064	21.44	ug/l #	96
73) Isopropylbenzene	12.25	105	272987	20.39	ug/l	99
74) N-amyl acetate	12.07	43	73391	15.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59409	18.35	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	51458m	18.21	ug/l	
77) Bromobenzene	12.52	156	61186	19.64	ug/l	97
78) n-propylbenzene	12.59	91	320066	20.44	ug/l	99
79) 2-Chlorotoluene	12.67	91	186166	20.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	220473	20.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	14763	16.94	ug/l	87
82) 4-Chlorotoluene	12.77	91	189977	20.27	ug/l	96
83) tert-Butylbenzene	12.99	119	190532	20.27	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	224522	21.00	ug/l	99
85) sec-Butylbenzene	13.17	105	268019	20.93	ug/l	100
86) p-Isopropyltoluene	13.29	119	221801	20.45	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	108554	19.62	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	109687	19.94	ug/l	100
89) n-Butylbenzene	13.61	91	194278	20.85	ug/l	99
90) Hexachloroethane	13.87	117	40350	21.00	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	105471	19.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8833	18.50	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44216	19.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	25926	21.13	ug/l	98
95) Naphthalene	15.13	128	91936	17.39	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	40787	20.02	ug/l	99

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

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