

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052405.D
 Acq On : 20 Nov 2018 14:12
 Operator : MD\SY
 Sample : VN1120WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:12:39 PM

Quant Time: Nov 20 15:50:18 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	254204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	429559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	380643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	196185	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	148313	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	10.09	98	543541	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	180164	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	52209	19.38	ug/l	99
3) Chloromethane	2.06	50	72219	19.29	ug/l	99
4) Vinyl Chloride	2.19	62	63864	19.74	ug/l	98
5) Bromomethane	2.58	94	36065	17.88	ug/l	100
6) Chloroethane	2.71	64	37455	20.47	ug/l	95
7) Trichlorofluoromethane	3.02	101	93286	20.83	ug/l	96
8) Diethyl Ether	3.42	74	32170	18.85	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	52933	18.72	ug/l	97
10) Methyl Iodide	3.96	142	59912	15.78	ug/l	97
11) Tert butyl alcohol	4.77	59	15766m	83.15	ug/l	
12) 1,1-Dichloroethene	3.75	96	49950	19.09	ug/l	96
13) Acrolein	3.61	56	23608	97.13	ug/l	99
14) Allyl chloride	4.33	41	107858	20.07	ug/l	95
15) Acrylonitrile	4.99	53	102879	95.02	ug/l	97
16) Acetone	3.82	43	87148	88.16	ug/l	92
17) Carbon Disulfide	4.06	76	149195	19.88	ug/l	96
18) Methyl Acetate	4.33	43	55514	20.30	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	148005	19.68	ug/l	100
20) Methylene Chloride	4.55	84	60409	19.66	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	53889	19.13	ug/l	97
22) Diisopropyl ether	5.96	45	228519	20.84	ug/l	98
23) Vinyl Acetate	5.90	43	701563	94.33	ug/l	98
24) 1,1-Dichloroethane	5.85	63	118296	20.12	ug/l	99
25) 2-Butanone	6.84	43	129051	92.75	ug/l	97
26) 2,2-Dichloropropane	6.83	77	79030	18.28	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	62596	19.09	ug/l	93
28) Bromochloromethane	7.20	49	66210	21.90	ug/l	98
29) Tetrahydrofuran	7.21	42	84565	92.51	ug/l	98
30) Chloroform	7.37	83	119209	21.28	ug/l	100
31) Cyclohexane	7.66	56	109964	19.50	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	95561	20.02	ug/l	95
36) 1,1-Dichloropropene	7.80	75	84351	19.59	ug/l	98
37) Ethyl Acetate	6.93	43	57764	18.49	ug/l	98
38) Carbon Tetrachloride	7.78	117	82160	20.77	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	91867	18.69	ug/l	96
40) Benzene	8.04	78	245327	19.95	ug/l	96
41) Methacrylonitrile	7.17	41	30248	19.84	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	95534	21.78	ug/l	99
43) Isopropyl Acetate	8.17	43	104379	17.31	ug/l	98
44) Trichloroethene	8.84	130	61448	20.28	ug/l	98
45) 1,2-Dichloropropane	9.12	63	69471	19.90	ug/l	98
46) Dibromomethane	9.21	93	41588	20.58	ug/l	95
47) Bromodichloromethane	9.40	83	88949	21.45	ug/l	100
48) Methyl methacrylate	9.20	41	52790	17.25	ug/l	98
49) 1,4-Dioxane	9.20	88	9813	417.82	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	296622	97.73	ug/l	97
52) Toluene	10.16	92	149386	20.30	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	78235	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	94449	19.81	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	52772	19.78	ug/l	95
56) Ethyl methacrylate	10.43	69	62748	17.89	ug/l	95
57) 1,3-Dichloropropane	10.71	76	95978	20.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	197501	98.89	ug/l	99
59) 2-Hexanone	10.75	43	191886	91.92	ug/l	96
60) Dibromochloromethane	10.90	129	59129	20.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	49619	18.68	ug/l	98
64) Tetrachloroethene	10.63	164	53756	19.86	ug/l	99
65) Chlorobenzene	11.43	112	158824	19.74	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	56215	20.49	ug/l	100
67) Ethyl Benzene	11.51	91	284670	20.39	ug/l	99
68) m/p-Xylenes	11.62	106	208961	40.95	ug/l	98
69) o-Xylene	11.95	106	100767	20.60	ug/l	97
70) Styrene	11.96	104	162326	20.73	ug/l	99
71) Bromoform	12.12	173	33465	20.66	ug/l #	99
73) Isopropylbenzene	12.25	105	268427	20.29	ug/l	100
74) N-amyl acetate	12.07	43	81582	17.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	62151	19.43	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	61221m	21.92	ug/l	
77) Bromobenzene	12.53	156	62848	20.41	ug/l	99
78) n-propylbenzene	12.59	91	320928	20.74	ug/l	99
79) 2-Chlorotoluene	12.67	91	187501	20.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	221669	21.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14544	16.89	ug/l	86
82) 4-Chlorotoluene	12.77	91	188822	20.39	ug/l	96
83) tert-Butylbenzene	12.99	119	195723	21.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	224522	21.26	ug/l	99
85) sec-Butylbenzene	13.17	105	262179	20.72	ug/l	99
86) p-Isopropyltoluene	13.29	119	220959	20.61	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	109457	20.02	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108019	19.87	ug/l	99
89) n-Butylbenzene	13.62	91	187320	20.35	ug/l	99
90) Hexachloroethane	13.87	117	39691	20.91	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	106545	20.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9421	19.97	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41820	18.46	ug/l	97
94) Hexachlorobutadiene	15.01	225	25292	20.86	ug/l	99
95) Naphthalene	15.13	128	92347	17.63	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	38701	19.23	ug/l	96

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

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