

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049637.D
 Acq On : 29 Jun 2018 17:49
 Operator : MD\SY
 Sample : VN0629WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:20:23 PM

Quant Time: Jun 30 01:46:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1278200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1959320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1770776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	914336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	952262	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	7.59	113	793183	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.09	98	3015818	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	1026829	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	304370	21.13	ug/l	96
3) Chloromethane	2.06	50	368749	20.50	ug/l	97
4) Vinyl Chloride	2.18	62	388705	20.12	ug/l	97
5) Bromomethane	2.56	94	209486	20.64	ug/l	98
6) Chloroethane	2.70	64	246796	20.18	ug/l	99
7) Trichlorofluoromethane	3.01	101	428486	19.41	ug/l	100
8) Diethyl Ether	3.41	74	202415	22.62	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	315162	19.85	ug/l	93
10) Methyl Iodide	3.95	142	446929	22.49	ug/l	91
11) Tert butyl alcohol	4.80	59	134165	138.51	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	290948	19.38	ug/l	89
13) Acrolein	3.61	56	104343	115.32	ug/l	96
14) Allyl chloride	4.32	41	426812	20.70	ug/l	90
15) Acrylonitrile	5.00	53	599679	119.87	ug/l	99
16) Acetone	3.82	43	459302	128.37	ug/l	93
17) Carbon Disulfide	4.05	76	819630	19.62	ug/l	100
18) Methyl Acetate	4.33	43	391913	22.94	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	926322	23.93	ug/l	98
20) Methylene Chloride	4.55	84	365223	21.01	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	311927	20.19	ug/l	93
22) Diisopropyl ether	5.95	45	1060852	22.74	ug/l	94
23) Vinyl Acetate	5.90	43	3583002	118.43	ug/l	95
24) 1,1-Dichloroethane	5.85	63	619249	21.07	ug/l	99
25) 2-Butanone	6.84	43	699649	124.85	ug/l	97
26) 1,2-Dichloropropane	6.82	77	479820	19.66	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	375628	21.76	ug/l	91
28) Bromochloromethane	7.20	49	289387	23.20	ug/l #	82
29) Tetrahydrofuran	7.22	42	458821	128.46	ug/l	93
30) Chloroform	7.37	83	638452	21.31	ug/l	98
31) Cyclohexane	7.65	56	514602	19.98	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	517682	20.41	ug/l	96
36) 1,1-Dichloropropene	7.79	75	433826	19.68	ug/l	96
37) Ethyl Acetate	6.93	43	319881	24.88	ug/l	98
38) Carbon Tetrachloride	7.77	117	411547	19.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	463141	19.16	ug/l	97
40) Benzene	8.04	78	1389949	20.65	ug/l	100
41) Methacrylonitrile	7.18	41	166119	24.20	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	473322	22.03	ug/l	96
43) Isopropyl Acetate	8.17	43	608785	23.54	ug/l	98
44) Trichloroethene	8.83	130	402542	19.83	ug/l	95
45) 1,2-Dichloropropane	9.12	63	375876	21.61	ug/l	98
46) Dibromomethane	9.21	93	234202	22.26	ug/l	91
47) Bromodichloromethane	9.40	83	482101	21.53	ug/l	97
48) Methyl methacrylate	9.20	41	280079	24.51	ug/l	89
49) 1,4-Dioxane	9.20	88	79269	516.07	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1579963	125.34	ug/l	93
52) Toluene	10.16	92	870849	21.42	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	464515	21.66	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	541435	21.60	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	338474	22.35	ug/l	96
56) Ethyl methacrylate	10.43	69	423263	23.85	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	556590	22.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	946663	107.78	ug/l	95
59) 2-Hexanone	10.75	43	1039672	124.73	ug/l	92
60) Dibromochloromethane	10.90	129	366677	22.41	ug/l	98
61) 1,2-Dibromoethane	11.01	107	331821	22.87	ug/l	99
64) Tetrachloroethene	10.63	164	478562	19.96	ug/l	97
65) Chlorobenzene	11.44	112	933111	20.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	349248	21.04	ug/l	99
67) Ethyl Benzene	11.51	91	1543707	20.22	ug/l	98
68) m/p-Xylenes	11.62	106	1214198	41.49	ug/l	96
69) o-Xylene	11.95	106	583914	20.84	ug/l	97
70) Styrene	11.97	104	963041	21.24	ug/l	97
71) Bromoform	12.13	173	250402	22.70	ug/l #	99
73) Isopropylbenzene	12.25	105	1512825	20.77	ug/l	98
74) N-amyl acetate	12.07	43	468456	23.55	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	400108	25.78	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	361674m	24.91	ug/l	
77) Bromobenzene	12.53	156	413501	20.88	ug/l	90
78) n-propylbenzene	12.59	91	1735131	20.79	ug/l	98
79) 2-Chlorotoluene	12.68	91	1075466	20.36	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1290901	21.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	99190	22.97	ug/l	93
82) 4-Chlorotoluene	12.78	91	1097455	20.66	ug/l	98
83) tert-Butylbenzene	12.99	119	1070570	20.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1328888	21.37	ug/l	99
85) sec-Butylbenzene	13.17	105	1417275	20.58	ug/l	98
86) p-Isopropyltoluene	13.29	119	1251434	20.97	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	706404	20.73	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	697169	20.91	ug/l	100
89) n-Butylbenzene	13.62	91	984799	19.28	ug/l	97
90) Hexachloroethane	13.88	117	120969	19.30	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	720246	21.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64167	24.74	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	317443	20.34	ug/l	98
94) Hexachlorobutadiene	15.01	225	214768	20.81	ug/l	98
95) Naphthalene	15.14	128	705048	22.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	323673	21.21	ug/l	98

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

