

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049592.D
 Acq On : 28 Jun 2018 16:16
 Operator : MD\SY
 Sample : VN0628WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:43 PM

Quant Time: Jun 29 03:21:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1483288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2237988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2014768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1061822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1022473	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	896962	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.09	98	3415789	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	1154934	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	346255	20.28	ug/l	99
3) Chloromethane	2.06	50	406765	18.45	ug/l	97
4) Vinyl Chloride	2.18	62	444315	18.96	ug/l	100
5) Bromomethane	2.56	94	210098	17.06	ug/l	99
6) Chloroethane	2.70	64	276214	19.77	ug/l	99
7) Trichlorofluoromethane	3.02	101	481652	16.48	ug/l	99
8) Diethyl Ether	3.41	74	204752	20.06	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.75	101	359060	19.37	ug/l	93
10) Methyl Iodide	3.95	142	424593	22.00	ug/l	92
11) Tert butyl alcohol	4.79	59	119773	103.73	ug/l	97
12) 1,1-Dichloroethene	3.73	96	326075	19.17	ug/l	89
13) Acrolein	3.61	56	125854	103.93	ug/l	99
14) Allyl chloride	4.32	41	423392	15.77	ug/l	89
15) Acrylonitrile	5.00	53	581862	100.78	ug/l	98
16) Acetone	3.82	43	437529	91.60	ug/l	92
17) Carbon Disulfide	4.05	76	952296	17.86	ug/l	100
18) Methyl Acetate	4.33	43	490102	33.65	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	885016	20.41	ug/l	100
20) Methylene Chloride	4.55	84	377034	18.90	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	346476	19.24	ug/l	92
22) Diisopropyl ether	5.96	45	1083401	20.20	ug/l	98
23) Vinyl Acetate	5.90	43	3577039	102.32	ug/l	96
24) 1,1-Dichloroethane	5.85	63	652595	19.01	ug/l	98
25) 2-Butanone	6.84	43	651401	101.56	ug/l	97
26) 2,2-Dichloropropane	6.82	77	539960	19.48	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	391370	19.55	ug/l	92
28) Bromochloromethane	7.19	49	300767	19.77	ug/l #	83
29) Tetrahydrofuran	7.21	42	436134	105.63	ug/l	94
30) Chloroform	7.37	83	664859	19.46	ug/l	99
31) Cyclohexane	7.65	56	582270	19.91	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	568048	19.49	ug/l	97
36) 1,1-Dichloropropene	7.79	75	489824	19.10	ug/l	96
37) Ethyl Acetate	6.93	43	303553	21.77	ug/l	98
38) Carbon Tetrachloride	7.77	117	470016	17.70	ug/l	98

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

39) Methylcyclohexane	9.08	83	529838	19.24	ug/l	96
40) Benzene	8.04	78	1508457	19.18	ug/l	98
41) Methacrylonitrile	7.18	41	161033	21.36	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	472487	19.45	ug/l	96
43) Isopropyl Acetate	8.17	43	679429	25.50	ug/l	96
44) Trichloroethene	8.84	130	447078	21.53	ug/l	94
45) 1,2-Dichloropropane	9.12	63	396234	19.24	ug/l	100
46) Dibromomethane	9.21	93	234606	19.65	ug/l	90
47) Bromodichloromethane	9.40	83	494991	18.87	ug/l	98
48) Methyl methacrylate	9.20	41	270235	21.54	ug/l	88
49) 1,4-Dioxane	9.20	88	70763	408.66	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1481460	106.10	ug/l	94
52) Toluene	10.16	92	917018	19.87	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	470503	18.75	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	550489	18.58	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	334949	19.47	ug/l	97
56) Ethyl methacrylate	10.43	69	410704	20.69	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	564080	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	894398	133.14	ug/l	94
59) 2-Hexanone	10.75	43	996179	110.66	ug/l	93
60) Dibromochloromethane	10.90	129	359912	18.74	ug/l	100
61) 1,2-Dibromoethane	11.01	107	330465	20.66	ug/l	99
64) Tetrachloroethene	10.63	164	525420	25.45	ug/l	97
65) Chlorobenzene	11.44	112	994927	19.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	359782	18.42	ug/l	99
67) Ethyl Benzene	11.51	91	1677859	19.49	ug/l	98
68) m/p-Xylenes	11.62	106	1313528	40.66	ug/l	97
69) o-Xylene	11.95	106	622727	20.01	ug/l	97
70) Styrene	11.97	104	1020611	20.79	ug/l	98
71) Bromoform	12.13	173	238713	18.88	ug/l #	100
73) Isopropylbenzene	12.25	105	1644815	17.64	ug/l	98
74) N-amyl acetate	12.07	43	465544	20.39	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	382789	18.55	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	355360m	19.61	ug/l	
77) Bromobenzene	12.53	156	429896	17.46	ug/l	90
78) n-propylbenzene	12.59	91	1895563	18.52	ug/l	98
79) 2-Chlorotoluene	12.68	91	1160714	17.90	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1418156	19.35	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	93102	16.24	ug/l	96
82) 4-Chlorotoluene	12.78	91	1172483	18.74	ug/l	96
83) tert-Butylbenzene	13.00	119	1172706	18.06	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1451604	19.94	ug/l	98
85) sec-Butylbenzene	13.17	105	1566375	18.13	ug/l	98
86) p-Isopropyltoluene	13.29	119	1377119	19.08	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	761153	18.79	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	750540	18.69	ug/l	100
89) n-Butylbenzene	13.62	91	1109599	19.68	ug/l	98
90) Hexachloroethane	13.88	117	104456	6.16	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	759183	19.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63242	19.48	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	333756	21.33	ug/l	99
94) Hexachlorobutadiene	15.01	225	227708	17.84	ug/l	99
95) Naphthalene	15.14	128	689460	24.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	331535	20.79	ug/l	98

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

