

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049548.D
 Acq On : 26 Jun 2018 13:10
 Operator : MD\SY
 Sample : VN0626WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 5:29:44 PM

Quant Time: Jun 26 15:15:44 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	7.66	168	1672447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2551777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2246150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1176592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	1064015	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	7.59	113	939053	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	3635591	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.40	95	1244135	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	300099	15.59	ug/l	99
3) Chloromethane	2.05	50	381565	15.35	ug/l	98
4) Vinyl Chloride	2.18	62	433086	16.39	ug/l	98
5) Bromomethane	2.57	94	207102	14.91	ug/l	98
6) Chloroethane	2.70	64	270279	17.16	ug/l	99
7) Trichlorofluoromethane	3.02	101	506339	15.36	ug/l	100
8) Diethyl Ether	3.40	74	213030	18.51	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	389568	18.64	ug/l	93
10) Methyl Iodide	3.95	142	399266	18.35	ug/l	91
11) Tert butyl alcohol	4.78	59	121066	92.99	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	341171	17.79	ug/l	93
13) Acrolein	3.60	56	105188	77.04	ug/l	96
14) Allyl chloride	4.32	41	448877	14.82	ug/l	89
15) Acrylonitrile	4.99	53	584029	89.71	ug/l	99
16) Acetone	3.82	43	436338	81.01	ug/l	93
17) Carbon Disulfide	4.05	76	950251	15.81	ug/l	98
18) Methyl Acetate	4.32	43	630680	38.40	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	967864	19.80	ug/l	97
20) Methylene Chloride	4.54	84	398158	17.70	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	373940	18.42	ug/l	93
22) Diisopropyl ether	5.95	45	1184570	19.59	ug/l	97
23) Vinyl Acetate	5.89	43	3717958	94.32	ug/l	95
24) 1,1-Dichloroethane	5.85	63	723438	18.69	ug/l	99
25) 2-Butanone	6.84	43	618562	85.53	ug/l	96
26) 2,2-Dichloropropane	6.82	77	600869	19.23	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	432964	19.18	ug/l	92
28) Bromochloromethane	7.19	49	319764	18.64	ug/l	85
29) Tetrahydrofuran	7.21	42	430808	92.54	ug/l	93
30) Chloroform	7.37	83	733818	19.05	ug/l	99
31) Cyclohexane	7.65	56	646693	19.60	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	630193	19.18	ug/l	96
36) 1,1-Dichloropropene	7.79	75	546517	18.69	ug/l	97
37) Ethyl Acetate	6.93	43	304513	19.15	ug/l	96
38) Carbon Tetrachloride	7.77	117	523538	17.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	601385	19.16	ug/l	95
40) Benzene	8.04	78	1653526	18.44	ug/l	99
41) Methacrylonitrile	7.17	41	161448	18.78	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	516243	18.64	ug/l	97
43) Isopropyl Acetate	8.17	43	1416279	46.62	ug/l #	87
44) Trichloroethene	8.83	130	496588	20.97	ug/l	92
45) 1,2-Dichloropropane	9.12	63	443121	18.88	ug/l	98
46) Dibromomethane	9.21	93	248378	18.25	ug/l	91
47) Bromodichloromethane	9.40	83	547730	18.31	ug/l	97
48) Methyl methacrylate	9.20	41	289381	20.23	ug/l	88
49) 1,4-Dioxane	9.20	88	71457	361.92	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1495873	93.95	ug/l	94
52) Toluene	10.16	92	1006824	19.13	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	527233	18.42	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	632835	18.73	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	356296	18.16	ug/l	97
56) Ethyl methacrylate	10.43	69	437308	19.32	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	606641	18.67	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	1118539	144.65	ug/l	94
59) 2-Hexanone	10.75	43	942998	91.87	ug/l	93
60) Dibromochloromethane	10.90	129	382770	17.48	ug/l	100
61) 1,2-Dibromoethane	11.01	107	349923	19.19	ug/l	98
64) Tetrachloroethene	10.63	164	567143	24.64	ug/l	97
65) Chlorobenzene	11.43	112	1114712	19.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	401650	18.45	ug/l	98
67) Ethyl Benzene	11.51	91	1890112	19.69	ug/l	99
68) m/p-Xylenes	11.62	106	1465688	40.69	ug/l	97
69) o-Xylene	11.95	106	701304	20.22	ug/l	96
70) Styrene	11.96	104	1125666	20.57	ug/l	98
71) Bromoform	12.13	173	246116	17.46	ug/l #	99
73) Isopropylbenzene	12.25	105	1821177	17.63	ug/l	97
74) N-amyl acetate	12.07	43	498789	19.71	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	393322	17.03	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	353712m	17.62	ug/l	
77) Bromobenzene	12.53	156	473407	17.35	ug/l	89
78) n-propylbenzene	12.59	91	2130616	18.78	ug/l	98
79) 2-Chlorotoluene	12.67	91	1284010	17.87	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1557570	19.18	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	103862	16.35	ug/l #	72
82) 4-Chlorotoluene	12.77	91	1317018	18.99	ug/l	97
83) tert-Butylbenzene	12.99	119	1300684	18.08	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1597386	19.80	ug/l	98
85) sec-Butylbenzene	13.17	105	1753634	18.32	ug/l	98
86) p-Isopropyltoluene	13.29	119	1555517	19.45	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	856011	19.07	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	840507	18.89	ug/l	100
89) n-Butylbenzene	13.62	91	1288160	20.62	ug/l	97
90) Hexachloroethane	13.88	117	124565	6.76	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	827071	18.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62222	17.30	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	466827	25.68	ug/l	99
94) Hexachlorobutadiene	15.01	225	270023	19.30	ug/l	98
95) Naphthalene	15.14	128	986470	29.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	439824	24.21	ug/l	99

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

