

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049584.D
 Acq On : 28 Jun 2018 12:50
 Operator : MD\SY
 Sample : VN0628WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:42 PM

Quant Time: Jun 29 02:28:05 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	1508836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2016893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1072780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	945834	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.59	113	837644	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	10.09	98	3260755	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	1101102	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	352183	20.28	ug/l	100
3) Chloromethane	2.06	50	401464	17.90	ug/l	98
4) Vinyl Chloride	2.18	62	445651	18.70	ug/l	99
5) Bromomethane	2.56	94	212274	16.94	ug/l	100
6) Chloroethane	2.70	64	273215	19.23	ug/l	98
7) Trichlorofluoromethane	3.02	101	489476	16.46	ug/l	98
8) Diethyl Ether	3.41	74	192588	18.55	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	366572	19.44	ug/l	92
10) Methyl Iodide	3.95	142	436751	22.25	ug/l	91
11) Tert butyl alcohol	4.79	59	102839	87.55	ug/l	98
12) 1,1-Dichloroethene	3.73	96	327610	18.94	ug/l	91
13) Acrolein	3.60	56	121632	98.75	ug/l	98
14) Allyl chloride	4.32	41	440936	16.14	ug/l	88
15) Acrylonitrile	4.99	53	533590	90.85	ug/l	99
16) Acetone	3.82	43	388998	80.06	ug/l	91
17) Carbon Disulfide	4.05	76	972962	17.94	ug/l	100
18) Methyl Acetate	4.33	43	435158	29.37	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	864973	19.61	ug/l	99
20) Methylene Chloride	4.55	84	372399	18.35	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	343790	18.77	ug/l	91
22) Diisopropyl ether	5.95	45	1068758	19.59	ug/l	96
23) Vinyl Acetate	5.90	43	3438242	96.68	ug/l	96
24) 1,1-Dichloroethane	5.85	63	659683	18.89	ug/l	98
25) 2-Butanone	6.84	43	570895	87.50	ug/l	97
26) 2,2-Dichloropropane	6.82	77	546381	19.38	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	388701	19.09	ug/l	92
28) Bromochloromethane	7.19	49	298350	19.27	ug/l #	81
29) Tetrahydrofuran	7.21	42	391929	93.32	ug/l	93
30) Chloroform	7.37	83	655105	18.85	ug/l	100
31) Cyclohexane	7.65	56	592956	19.93	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	572898	19.32	ug/l	97
36) 1,1-Dichloropropene	7.79	75	499558	19.24	ug/l	98
37) Ethyl Acetate	6.93	43	276226	19.57	ug/l	96
38) Carbon Tetrachloride	7.77	117	485988	18.08	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	546952	19.62	ug/l	96
40) Benzene	8.04	78	1504846	18.90	ug/l	98
41) Methacrylonitrile	7.17	41	134492	17.62	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	471651	19.18	ug/l	97
43) Isopropyl Acetate	8.17	43	670943	24.88	ug/l	96
44) Trichloroethene	8.83	130	433960	20.64	ug/l	94
45) 1,2-Dichloropropane	9.12	63	393723	18.89	ug/l	99
46) Dibromomethane	9.21	93	227768	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	492034	18.53	ug/l	99
48) Methyl methacrylate	9.20	41	238782	18.80	ug/l	88
49) 1,4-Dioxane	9.20	88	64551	368.27	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1359558	96.19	ug/l	95
52) Toluene	10.16	92	913948	19.56	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	456810	17.98	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	551091	18.37	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	326015	18.72	ug/l	96
56) Ethyl methacrylate	10.43	69	387689	19.29	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	536724	18.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	882314	130.12	ug/l	94
59) 2-Hexanone	10.75	43	900022	98.77	ug/l	93
60) Dibromochloromethane	10.90	129	358367	18.44	ug/l	97
61) 1,2-Dibromoethane	11.01	107	313472	19.36	ug/l	99
64) Tetrachloroethene	10.63	164	498781	24.13	ug/l	98
65) Chlorobenzene	11.43	112	986539	18.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	358698	18.35	ug/l	99
67) Ethyl Benzene	11.51	91	1667873	19.35	ug/l	96
68) m/p-Xylenes	11.62	106	1318639	40.77	ug/l	96
69) o-Xylene	11.95	106	628470	20.17	ug/l	96
70) Styrene	11.97	104	1020224	20.76	ug/l	97
71) Bromoform	12.13	173	233797	18.47	ug/l #	99
73) Isopropylbenzene	12.25	105	1641703	17.43	ug/l	98
74) N-amyl acetate	12.07	43	430517	18.66	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	350582	16.60	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	325185m	17.77	ug/l	
77) Bromobenzene	12.53	156	418657	16.83	ug/l	91
78) n-propylbenzene	12.59	91	1923784	18.60	ug/l	99
79) 2-Chlorotoluene	12.68	91	1163657	17.76	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1410446	19.05	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	89885	15.52	ug/l	97
82) 4-Chlorotoluene	12.77	91	1186163	18.76	ug/l	97
83) tert-Butylbenzene	12.99	119	1161348	17.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1443325	19.62	ug/l	99
85) sec-Butylbenzene	13.17	105	1587704	18.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	1386026	19.00	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	774895	18.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	746643	18.40	ug/l	99
89) n-Butylbenzene	13.62	91	1148487	20.16	ug/l	98
90) Hexachloroethane	13.88	117	161849	10.38	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	756770	18.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58065	17.71	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	347279	21.83	ug/l	99
94) Hexachlorobutadiene	15.01	225	248251	19.48	ug/l	99
95) Naphthalene	15.14	128	686270	23.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	340478	21.08	ug/l	98

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

