

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049630.D
 Acq On : 29 Jun 2018 13:02
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:40 PM

Quant Time: Jun 30 00:38:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1449886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2139879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1996744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1166156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	2749771	143.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.22%	
35) Dibromofluoromethane	7.59	113	2203387	137.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.46%	
50) Toluene-d8	10.09	98	9521299	152.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.10%	
62) 4-Bromofluorobenzene	12.40	95	3499240	163.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	2366045	144.81	ug/l	97
3) Chloromethane	2.05	50	2851281	139.71	ug/l	100
4) Vinyl Chloride	2.18	62	3078412	140.45	ug/l	100
5) Bromomethane	2.54	94	1582391	137.44	ug/l	100
6) Chloroethane	2.69	64	1887876	136.08	ug/l	99
7) Trichlorofluoromethane	3.01	101	3267332	130.50	ug/l	99
8) Diethyl Ether	3.41	74	1446883	142.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	2433090	135.08	ug/l	100
10) Methyl Iodide	3.95	142	3604616	159.90	ug/l	99
11) Tert butyl alcohol	4.80	59	850262	773.86	ug/l	99
12) 1,1-Dichloroethene	3.73	96	2328639	136.74	ug/l	100
13) Acrolein	3.60	56	853544	831.67	ug/l	99
14) Allyl chloride	4.32	41	3065012	131.03	ug/l	98
15) Acrylonitrile	4.99	53	4276896	753.67	ug/l	99
16) Acetone	3.82	43	2764481	582.94	ug/l	99
17) Carbon Disulfide	4.05	76	6901091	133.69	ug/l	100
18) Methyl Acetate	4.33	43	2328568	80.70	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	6550045	149.20	ug/l	100
20) Methylene Chloride	4.55	84	2614221	132.59	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	2497766	142.52	ug/l	99
22) Diisopropyl ether	5.95	45	7891954	149.12	ug/l	96
23) Vinyl Acetate	5.90	43	27512963	801.68	ug/l	100
24) 1,1-Dichloroethane	5.85	63	4575387	137.23	ug/l	100
25) 2-Butanone	6.84	43	4753038	747.75	ug/l	100
26) 2,2-Dichloropropane	6.82	77	3823075	138.06	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	2877648	146.99	ug/l	99
28) Bromochloromethane	7.20	49	2067451	146.11	ug/l	99
29) Tetrahydrofuran	7.21	42	3188793	787.09	ug/l	100
30) Chloroform	7.37	83	4684837	137.84	ug/l	99
31) Cyclohexane	7.65	56	4175466	127.18	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	4054996	140.93	ug/l	99
36) 1,1-Dichloropropene	7.79	75	3650829	151.64	ug/l	100
37) Ethyl Acetate	6.93	43	2209965	157.38	ug/l	100
38) Carbon Tetrachloride	7.77	117	3469255	148.14	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	4085456	154.78	ug/l	99
40) Benzene	8.04	78	10765923	146.45	ug/l	99
41) Methacrylonitrile	7.18	41	1294913	172.76	ug/l	98
42) 1,2-Dichloroethane	8.12	62	3347025	142.67	ug/l	100
43) Isopropyl Acetate	8.17	43	4114405	124.01	ug/l #	85
44) Trichloroethene	8.84	130	3141874	141.72	ug/l	99
45) 1,2-Dichloropropane	9.12	63	2807569	147.82	ug/l	99
46) Dibromomethane	9.21	93	1683185	146.49	ug/l	99
47) Bromodichloromethane	9.40	83	3612878	147.71	ug/l	98
48) Methyl methacrylate	9.20	41	2019984	161.88	ug/l	99
49) 1,4-Dioxane	9.20	88	541273	3226.54	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	10858966	788.74	ug/l	99
52) Toluene	10.16	92	6700897	150.88	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	3843994	164.13	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	4370966	159.68	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	2411300	145.82	ug/l	100
56) Ethyl methacrylate	10.43	69	3320396	171.30	ug/l	99
57) 1,3-Dichloropropane	10.71	76	4069888	151.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	7651749	847.99	ug/l	100
59) 2-Hexanone	10.75	43	7411274	814.09	ug/l	99
60) Dibromochloromethane	10.90	129	2801253	156.74	ug/l	100
61) 1,2-Dibromoethane	11.01	107	2437250	153.82	ug/l	99
64) Tetrachloroethene	10.63	164	3664791	135.55	ug/l	99
65) Chlorobenzene	11.44	112	7446662	142.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	2709798	144.78	ug/l	99
67) Ethyl Benzene	11.51	91	13064498	151.73	ug/l	99
68) m/p-Xylenes	11.62	106	10045594	304.43	ug/l #	1
69) o-Xylene	11.95	106	4887588	154.71	ug/l	98
70) Styrene	11.97	104	8171684	159.86	ug/l	100
71) Bromoform	12.13	173	1979134	159.14	ug/l #	99
73) Isopropylbenzene	12.25	105	12820807	138.02	ug/l	100
74) N-amyl acetate	12.07	43	3835310	151.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	2807600	128.00	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	2429789m	120.02	ug/l	
77) Bromobenzene	12.53	156	3356750	132.90	ug/l	100
78) n-propylbenzene	12.59	91	14650376	137.61	ug/l	98
79) 2-Chlorotoluene	12.68	91	8981790	133.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	11018716	142.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	881542	160.09	ug/l	96
82) 4-Chlorotoluene	12.77	91	9286403	137.08	ug/l	100
83) tert-Butylbenzene	12.99	119	9288079	140.07	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	11411315	143.87	ug/l	100
85) sec-Butylbenzene	13.17	105	12658597	144.09	ug/l	100
86) p-Isopropyltoluene	13.29	119	11484970	150.93	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	6290663	134.90	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	6192749	133.03	ug/l	99
89) n-Butylbenzene	13.62	91	10138917	155.63	ug/l	99
90) Hexachloroethane	13.88	117	1232821	154.23	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	5959006	131.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	472407	123.42	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3313096	158.74	ug/l	99
94) Hexachlorobutadiene	15.01	225	1750731	120.94	ug/l	99
95) Naphthalene	15.14	128	7559832	168.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3115126	145.06	ug/l	99

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

