

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051880.D
 Acq On : 16 Oct 2018 8:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:11:42 PM

Quant Time: Oct 17 02:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	983814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1416588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1293728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	648291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	416705	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	
35) Dibromofluoromethane	7.59	113	424054	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	10.09	98	1544674	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.40	95	529077	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	266745	48.84	ug/l	99
3) Chloromethane	2.06	50	271695	41.07	ug/l	100
4) Vinyl Chloride	2.18	62	410182	41.35	ug/l	99
5) Bromomethane	2.56	94	292338	32.66	ug/l	99
6) Chloroethane	2.70	64	305763	41.97	ug/l	97
7) Trichlorofluoromethane	3.01	101	678337	46.04	ug/l	99
8) Diethyl Ether	3.41	74	189336	46.60	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.76	101	399090	50.80	ug/l	99
10) Methyl Iodide	3.95	142	376844	36.40	ug/l	96
11) Tert butyl alcohol	4.79	59	121552	175.76	ug/l	98
12) 1,1-Dichloroethene	3.73	96	349595	49.51	ug/l	90
13) Acrolein	3.61	56	97974	145.32	ug/l	99
14) Allyl chloride	4.32	41	412795	46.56	ug/l	# 77
15) Acrylonitrile	4.99	53	484843	215.38	ug/l	99
16) Acetone	3.82	43	407596	200.99	ug/l	98
17) Carbon Disulfide	4.05	76	891900	46.66	ug/l	100
18) Methyl Acetate	4.33	43	225253	42.16	ug/l	# 86
19) Methyl tert-butyl Ether	5.05	73	996769	44.84	ug/l	92
20) Methylene Chloride	4.55	84	390114	46.48	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	400545	48.31	ug/l	89
22) Diisopropyl ether	5.95	45	912607	46.58	ug/l	# 87
23) Vinyl Acetate	5.90	43	3197545	223.09	ug/l	# 91
24) 1,1-Dichloroethane	5.85	63	654738	48.64	ug/l	98
25) 2-Butanone	6.83	43	577353	201.47	ug/l	# 87
26) 2,2-Dichloropropane	6.82	77	663629	48.70	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	474944	49.69	ug/l	89
28) Bromochloromethane	7.19	49	254122	45.00	ug/l	# 63
29) Tetrahydrofuran	7.21	42	330597	193.58	ug/l	# 76
30) Chloroform	7.37	83	788754	49.01	ug/l	100
31) Cyclohexane	7.65	56	559608	49.78	ug/l	# 80
32) 1,1,1-Trichloroethane	7.57	97	743034	49.18	ug/l	96
36) 1,1-Dichloropropene	7.79	75	561834	48.99	ug/l	96
37) Ethyl Acetate	6.93	43	256016	43.48	ug/l	95
38) Carbon Tetrachloride	7.77	117	673563	50.67	ug/l	98

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

39) Methylcyclohexane	9.08	83	731388	51.91	ug/l #	87
40) Benzene	8.04	78	1661738	50.23	ug/l	100
41) Methacrylonitrile	7.18	41	124276m	43.78	ug/l	
42) 1,2-Dichloroethane	8.12	62	522670	48.19	ug/l	99
43) Isopropyl Acetate	8.16	43	496628	42.20	ug/l #	95
44) Trichloroethene	8.83	130	512748	50.91	ug/l	96
45) 1,2-Dichloropropane	9.12	63	391604	50.34	ug/l	100
46) Dibromomethane	9.21	93	290016	48.58	ug/l	99
47) Bromodichloromethane	9.40	83	602563	50.52	ug/l	98
48) Methyl methacrylate	9.20	41	227679	43.41	ug/l #	76
49) 1,4-Dioxane	9.20	88	80304	793.56	ug/l #	84
51) 4-Methyl-2-Pentanone	9.98	43	1276615	208.86	ug/l	96
52) Toluene	10.15	92	1140636	51.35	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	584622	48.92	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	649038	49.47	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	405865	48.57	ug/l	96
56) Ethyl methacrylate	10.43	69	452358	45.97	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	616813	47.51	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	967797	225.85	ug/l #	88
59) 2-Hexanone	10.75	43	874343	203.67	ug/l	97
60) Dibromochloromethane	10.90	129	498975	50.30	ug/l	100
61) 1,2-Dibromoethane	11.00	107	425110	49.39	ug/l	99
64) Tetrachloroethene	10.63	164	518857	52.29	ug/l	98
65) Chlorobenzene	11.43	112	1308902	50.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	502605	50.40	ug/l	98
67) Ethyl Benzene	11.51	91	2204164	50.89	ug/l	97
68) m/p-Xylenes	11.62	106	1795098	102.60	ug/l	94
69) o-Xylene	11.95	106	875993	51.55	ug/l	94
70) Styrene	11.96	104	1375770	52.48	ug/l	98
71) Bromoform	12.13	173	323941	41.87	ug/l #	100
73) Isopropylbenzene	12.25	105	2367885	47.40	ug/l	98
74) N-amyl acetate	12.07	43	408242	41.21	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	458648	41.80	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	388165m	48.52	ug/l	
77) Bromobenzene	12.53	156	593335	47.64	ug/l	85
78) n-propylbenzene	12.59	91	2582707	49.37	ug/l	96
79) 2-Chlorotoluene	12.67	91	1483375	47.07	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	1984927	48.76	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	117892	41.88	ug/l	98
82) 4-Chlorotoluene	12.77	91	1504638	49.69	ug/l	95
83) tert-Butylbenzene	12.99	119	1798768	47.65	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2011854	49.64	ug/l	99
85) sec-Butylbenzene	13.17	105	2418328	49.45	ug/l	98
86) p-Isopropyltoluene	13.29	119	2190616	50.93	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1090380	51.19	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1048790	50.80	ug/l	99
89) n-Butylbenzene	13.61	91	1716370	53.68	ug/l	98
90) Hexachloroethane	13.88	117	362382	46.42	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1043349	50.69	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67473	41.77	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	477335	44.34	ug/l	98
94) Hexachlorobutadiene	15.01	225	328200	49.32	ug/l	100
95) Naphthalene	15.13	128	880336	38.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	456452	43.64	ug/l	99

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

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