Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016045.D
Acq On : 24 Jul 2018 02:58
Operator : SJ/JU
Sample : J3762-08
Misc : LOQ 20 PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2018

Quant Time: Jul 24 06:10:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41536	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	161787	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	86165	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	183891	20.00	ng		0.00
75) Chrysene-d12	21.70	240	195354	20.00	ng		0.00
86) Perylene-d12	24.07	264	200472	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	334589	133.81	ng		0.00
7) Phenol-d6	7.39	99	413360	126.58	ng		0.00
23) Nitrobenzene-d5	9.42	82	314284	90.35	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	146907	134.43	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	634006	89.53	ng		0.00
78) Terphenyl-d14	20.15	244	1137273	121.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	20340	17.362	ng	#	100
3) Pyridine	3.96	79	45304	16.052	ng	#	68
4) n-Nitrosodimethylamine	3.88	42	43763	19.880	ng	#	39
6) Aniline	7.56	93	53022	14.102	ng	#	92
8) 2-Chlorophenol	7.79	128	56852	19.130	ng		96
9) Benzaldehyde	7.37	77	49512	21.580	ng		83
10) Phenol	7.41	94	63268	19.376	ng		99
11) bis(2-Chloroethyl)ether	7.65	93	44814	17.373	ng		85
12) 1,3-Dichlorobenzene	8.12	146	62499	17.967	ng	#	90
13) 1,4-Dichlorobenzene	8.26	146	64564	18.301	ng		95
14) 1,2-Dichlorobenzene	8.58	146	62286	18.043	ng	#	93
15) Benzyl Alcohol	8.49	79	43502	16.731	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.76	45	70298	17.806	ng		95
17) 2-Methylphenol	8.68	107	43340	19.419	ng	#	82
18) Hexachloroethane	9.30	117	27950	18.328	ng		97
19) n-Nitroso-di-n-propylamine	9.04	70	40846	17.113	ng	#	75
20) 3+4-Methylphenols	9.01	107	55837	17.389	ng		88
22) Acetophenone	9.07	105	82230	20.185	ng	#	84
24) Nitrobenzene	9.46	77	69930	19.972	ng	#	91
25) Isophorone	9.97	82	102911	21.629	ng	#	92
26) 2-Nitrophenol	10.17	139	25769	17.631	ng	#	47
27) 2,4-Dimethylphenol	10.22	122	47017	23.089	ng	#	87
28) bis(2-Chloroethoxy)methane	10.45	93	62022	20.056	ng		97
29) 2,4-Dichlorophenol	10.70	162	48862	20.193	ng		95
30) 1,2,4-Trichlorobenzene	10.91	180	54778	18.632	ng		95
31) Naphthalene	11.10	128	169099	20.652	ng		99
32) Benzoic acid	10.35	122	22446	14.460	ng	#	87
33) 4-Chloroaniline	11.23	127	44615	13.352	ng	#	87
34) Hexachlorobutadiene	11.36	225	38683	18.968	ng		93
35) Caprolactam	12.01	113	11305	16.868	ng		91
36) 4-Chloro-3-methylphenol	12.33	107	51190	19.234	ng	#	85
37) 2-Methylnaphthalene	12.69	142	119937	21.866	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	57514	19.606	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	24617	23.129	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	35073	19.110 ng		93
43) 2,4,5-Trichlorophenol	13.38	196	35547	18.777 ng	#	82
45) 1,1'-Biphenyl	13.69	154	150421	19.344 ng		99
46) 2-Chloronaphthalene	13.74	162	116653	19.287 ng	#	89
47) 2-Nitroaniline	13.96	65	35186	17.597 ng	#	73
48) Acenaphthylene	14.58	152	187310	21.155 ng		98
49) Dimethylphthalate	14.30	163	149441	19.818 ng		98
50) 2,6-Dinitrotoluene	14.44	165	29307	19.316 ng	#	57
51) Acenaphthene	14.92	154	107788	19.794 ng		98
52) 3-Nitroaniline	14.79	138	22909	13.979 ng	#	80
53) 2,4-Dinitrophenol	15.01	184	9244	19.222 ng	#	84
54) Dibenzofuran	15.25	168	175268	19.532 ng	#	79
55) 4-Nitrophenol	15.09	139	18970	16.148 ng		87
56) 2,4-Dinitrotoluene	15.23	165	39881	18.383 ng	#	86
57) Fluorene	15.90	166	137613	20.637 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	33696	20.708 ng	#	100
59) Diethylphthalate	15.65	149	156317	19.232 ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	67493	18.182 ng	#	81
61) 4-Nitroaniline	15.94	138	24618	15.657 ng	#	14
62) Azobenzene	16.17	77	173159	20.229 ng		77
64) 4,6-Dinitro-2-methylphenol	16.00	198	17940	16.073 ng		83
65) n-Nitrosodiphenylamine	16.10	169	116684	19.270 ng		96
66) 4-Bromophenyl-phenylether	16.77	248	40336	19.371 ng	#	69
67) Hexachlorobenzene	16.89	284	42547	18.554 ng	#	70
68) Atrazine	17.03	200	41152	18.962 ng		98
69) Pentachlorophenol	17.24	266	18606	13.103 ng		97
70) Phenanthrene	17.63	178	209949	20.393 ng		98
71) Anthracene	17.72	178	209284	20.916 ng		97
72) Carbazole	17.99	167	187409	18.079 ng	#	95
73) Di-n-butylphthalate	18.51	149	238465	18.462 ng	#	98
74) Fluoranthene	19.61	202	229493	19.983 ng		99
76) Benzidine	19.79	184	72960	13.365 ng		98
77) Pyrene	19.97	202	239725	20.477 ng		99
79) Butylbenzylphthalate	20.82	149	110937	18.654 ng	#	76
80) Benzo(a)anthracene	21.69	228	247577	20.577 ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	53332	11.005 ng		99
82) Chrysene	21.74	228	234820	20.345 ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	156785	18.191 ng		92
84) Di-n-octyl phthalate	22.48	149	272959	18.843 ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.50	276	287265	20.974 ng	#	94
87) Benzo(b)fluoranthene	23.35	252	251234	21.285 ng	#	96
88) Benzo(k)fluoranthene	23.40	252	239281	20.003 ng		97
89) Benzo(a)pyrene	23.97	252	239844	21.137 ng		98
90) Dibenzo(a,h)anthracene	26.50	278	243513	20.713 ng		97
91) Benzo(g,h,i)perylene	27.25	276	230796	20.757 ng	#	95

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

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