Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003294.D
Acq On : 25 Oct 2018 04:41
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 2PPM
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 25 07:31:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
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10/25/2018 3:20:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	84967	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	399876	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	254073	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	612695	20.00	ng	0.00
76) Chrysene-d12	21.21	240	692667	20.00	ng	0.00
87) Perylene-d12	23.41	264	701138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	717473	147.08	ng	0.00
7) Phenol-d6	6.80	99	998848	144.00	ng	0.00
23) Nitrobenzene-d5	8.75	82	580181	83.21	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	516475	150.96	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1569299	83.78	ng	0.00
79) Terphenyl-d14	19.64	244	2555680	78.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	4602	1.987	ng	# 84
3) Pyridine	3.65	79	8709	1.645	ng	# 79
4) n-Nitrosodimethylamine	3.55	42	2498	1.282	ng	# 53
6) Aniline	6.95	93	13275	1.533	ng	98
8) 2-Chlorophenol	7.17	128	12681	2.111	ng	# 79
9) Benzaldehyde	6.78	77	9683	2.404	ng	85
10) Phenol	6.82	94	14607	1.995	ng	# 66
11) bis(2-Chloroethyl)ether	7.05	93	12023	2.011	ng	98
12) 1,3-Dichlorobenzene	7.49	146	13820	2.069	ng	98
13) 1,4-Dichlorobenzene	7.63	146	13875	2.017	ng	95
14) 1,2-Dichlorobenzene	7.95	146	13382	2.005	ng	97
15) Benzyl Alcohol	7.91	79	15580	3.117	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.13	45	17530	2.000	ng	93
17) 2-Methylphenol	8.08	107	9536	1.906	ng	95
18) Hexachloroethane	8.65	117	4680	1.942	ng	88
19) n-Nitroso-di-n-propylamine	8.40	70	8619	1.723	ng	98
20) 3+4-Methylphenols	8.43	107	12997m	1.829	ng	
22) Acetophenone	8.43	105	18051	1.862	ng	# 89
24) Nitrobenzene	8.80	77	13965	1.963	ng	98
25) Isophorone	9.32	82	25322	2.070	ng	99
26) 2-Nitrophenol	9.53	139	5289	1.412	ng	95
27) 2,4-Dimethylphenol	9.62	122	10190	1.935	ng	92
28) bis(2-Chloroethoxy)methane	9.83	93	16197	1.966	ng	97
29) 2,4-Dichlorophenol	10.12	162	9473	1.577	ng	93
30) 1,2,4-Trichlorobenzene	10.25	180	13007	1.904	ng	96
31) Naphthalene	10.42	128	42598	2.180	ng	97
32) Benzoic acid	9.62	122	10190	7.032	ng	# 11
33) 4-Chloroaniline	10.60	127	11581	1.341	ng	# 93
34) Hexachlorobutadiene	10.70	225	7682	1.885	ng	96
35) Caprolactam	11.37	113	1718	0.730	ng	# 82
36) 4-Chloro-3-methylphenol	11.75	107	11329	1.690	ng	98
37) 2-Methylnaphthalene	12.06	142	30789	2.205	ng	98
38) 1-Methylnaphthalene	12.27	142	29854	2.189	ng	# 94
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	15395	1.832	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	532	9.058	ng	#	71
43) 2,4,6-Trichlorophenol	12.71	196	8340	1.570	ng		95
44) 2,4,5-Trichlorophenol	12.82	196	8871	1.602	ng		96
46) 1,1'-Biphenyl	13.07	154	43632	1.957	ng		99
47) 2-Chloronaphthalene	13.12	162	31320	1.904	ng		99
48) 2-Nitroaniline	13.37	65	6490	1.343	ng		88
49) Acenaphthylene	13.97	152	51459	2.044	ng		99
50) Dimethylphthalate	13.72	163	41626	2.026	ng		99
51) 2,6-Dinitrotoluene	13.86	165	7867	1.687	ng		98
52) Acenaphthene	14.30	154	32757	2.147	ng		98
53) 3-Nitroaniline	14.21	138	5822	1.168	ng	#	87
55) Dibenzofuran	14.66	168	51985	2.095	ng		95
56) 4-Nitrophenol	14.66	139	20482	10.734	ng	#	15
57) 2,4-Dinitrotoluene	14.67	165	9453	1.495	ng	#	94
58) Fluorene	15.30	166	42831	2.237	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.90	232	8693	1.787	ng	#	92
60) Diethylphthalate	15.07	149	40658	1.950	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	22094	2.077	ng		91
62) 4-Nitroaniline	15.41	138	4912	1.009	ng		87
63) Azobenzene	15.59	77	37277	1.935	ng		96
65) 4,6-Dinitro-2-methylphenol	15.49	198	2793	0.653	ng		81
66) n-Nitrosodiphenylamine	15.52	169	36446	1.900	ng		98
67) 4-Bromophenyl-phenylether	16.19	248	13010	1.885	ng		97
68) Hexachlorobenzene	16.32	284	15089	1.919	ng		97
69) Atrazine	16.48	200	11827	1.740	ng		93
70) Pentachlorophenol	16.70	266	2011	6.998	ng		97
71) Phenanthrene	17.05	178	72130	2.239	ng		99
72) Anthracene	17.15	178	68996	2.147	ng		98
73) Carbazole	17.44	167	61133	1.837	ng		99
74) Di-n-butylphthalate	17.97	149	65479	1.686	ng		99
75) Fluoranthene	19.08	202	78469	2.068	ng		98
77) Benzidine	19.30	184	11184	0.552	ng	#	93
78) Pyrene	19.45	202	83864	2.060	ng		99
80) Butylbenzylphthalate	20.34	149	29556	1.564	ng		99
81) Benzo(a)anthracene	21.19	228	88726	2.200	ng		99
82) 3,3'-Dichlorobenzidine	21.15	252	22872	1.370	ng		95
83) Chrysene	21.25	228	84652	2.183	ng		98
84) Bis(2-ethylhexyl)phthalate	21.12	149	47108	1.680	ng		99
85) Di-n-octyl phthalate	21.99	149	82287	1.711	ng	#	91
86) Indeno(1,2,3-cd)pyrene	25.64	276	88805	1.998	ng		99
88) Benzo(b)fluoranthene	22.76	252	87860	2.276	ng		99
89) Benzo(k)fluoranthene	22.80	252	83398	2.203	ng		98
90) Benzo(a)pyrene	23.32	252	81904	2.226	ng		98
91) Dibenzo(a,h)anthracene	25.64	278	75504	2.073	ng		98
92) Benzo(g,h,i)perylene	26.33	276	71900	2.057	ng		97

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

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