Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033018.D
Acq On : 6 Mar 2018 12:28
Operator : SJ/JU
Sample : J1398-06MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Manual Integrations APPROVED
Sohil
3/7/2018 12:10:54 PM

Quant Time: Mar 06 17:46:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	54529	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	247616	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	150251	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	341228	20.00	ng		0.00
75) Chrysene-d12	22.61	240	314038	20.00	ng		0.00
86) Perylene-d12	26.40	264	340845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	466149	136.77	ng		0.00
7) Phenol-d6	8.01	99	607333	127.84	ng		0.00
23) Nitrobenzene-d5	10.11	82	413954	112.40	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	255391	161.66	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	890074	85.44	ng		0.00
78) Terphenyl-d14	20.77	244	1350426	96.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	54874	37.097	ng	#	90
3) Pyridine	4.43	79	116582	28.595	ng		91
4) n-Nitrosodimethylamine	4.32	42	90372	55.287	ng	#	82
6) Aniline	8.21	93	104984	16.325	ng		96
8) 2-Chlorophenol	8.46	128	180976	48.511	ng		96
9) Benzaldehyde	8.01	77	45672	16.680	ng		96
10) Phenol	8.04	94	213704	44.623	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	168217	42.956	ng		97
12) 1,3-Dichlorobenzene	8.80	146	173998	39.820	ng		97
13) 1,4-Dichlorobenzene	8.95	146	178002	40.470	ng		95
14) 1,2-Dichlorobenzene	9.28	146	172353	40.892	ng		100
15) Benzyl Alcohol	9.15	79	168023	48.109	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	324893	48.261	ng		99
17) 2-Methylphenol	9.34	107	159276	45.102	ng		95
18) Hexachloroethane	10.04	117	64896	43.335	ng		88
19) n-Nitroso-di-n-propylamine	9.72	70	147460	43.966	ng	#	92
20) 3+4-Methylphenols	9.67	107	222991	45.413	ng		96
22) Acetophenone	9.75	105	272932	43.645	ng	#	99
24) Nitrobenzene	10.16	77	207831	52.015	ng		95
25) Isophorone	10.68	82	410093	47.185	ng		95
26) 2-Nitrophenol	10.88	139	98564	63.393	ng		95
27) 2,4-Dimethylphenol	10.91	122	200889	53.208	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	240623	47.525	ng		95
29) 2,4-Dichlorophenol	11.42	162	175740	51.286	ng		97
30) 1,2,4-Trichlorobenzene	11.65	180	167155	41.614	ng		97
31) Naphthalene	11.85	128	576186	44.531	ng		99
32) Benzoic acid	11.02	122	100058	44.183	ng		87
33) 4-Chloroaniline	11.94	127	97825	16.909	ng		97
34) Hexachlorobutadiene	12.11	225	89526	39.735	ng		98
35) Caprolactam	12.68	113	61954	45.153	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	221364	55.512	ng		93
37) 2-Methylnaphthalene	13.40	142	427049	45.620	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	179909	40.336	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	204173	89.821	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	141015	50.133	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	157385	48.345	ng	#	95
45) 1,1'-Biphenyl	14.37	154	544350	41.460	ng		95
46) 2-Chloronaphthalene	14.43	162	410841	41.889	ng		96
47) 2-Nitroaniline	14.61	65	161946	61.893	ng		95
48) Acenaphthylene	15.26	152	689700	42.952	ng		98
49) Dimethylphthalate	14.96	163	568240	44.541	ng		99
50) 2,6-Dinitrotoluene	15.08	165	129051	58.684	ng		93
51) Acenaphthene	15.60	154	460920	46.091	ng		97
52) 3-Nitroaniline	15.41	138	92439	37.368	ng	#	85
53) 2,4-Dinitrophenol	15.61	184	79068	105.614	ng	#	27
54) Dibenzofuran	15.92	168	651829	45.777	ng		93
55) 4-Nitrophenol	15.68	139	194721	92.037	ng		85
56) 2,4-Dinitrotoluene	15.85	165	182624	66.657	ng	#	89
57) Fluorene	16.56	166	531993	45.266	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	138149m	54.657	ng		
59) Diethylphthalate	16.29	149	619897	46.068	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	264934	46.081	ng		90
61) 4-Nitroaniline	16.56	138	135417	48.917	ng		87
62) Azobenzene	16.83	77	567604	47.151	ng		95
64) 4,6-Dinitro-2-methylphenol	16.61	198	72142	63.996	ng		91
65) n-Nitrosodiphenylamine	16.75	169	497374	44.806	ng		100
66) 4-Bromophenyl-phenylether	17.43	248	159096	44.094	ng	#	87
67) Hexachlorobenzene	17.56	284	167407	42.934	ng	#	92
68) Atrazine	17.66	200	165832	45.385	ng		96
69) Pentachlorophenol	17.89	266	207552	84.508	ng		98
70) Phenanthrene	18.30	178	860922	45.223	ng		98
71) Anthracene	18.39	178	881034	46.098	ng		98
72) Carbazole	18.64	167	823384	43.708	ng		97
73) Di-n-butylphthalate	19.14	149	1036402	44.845	ng		99
74) Fluoranthene	20.25	202	960275	45.664	ng		93
76) Benzidine	20.40	184	51027	4.767	ng		98
77) Pyrene	20.61	202	967858	43.703	ng		98
79) Butylbenzylphthalate	21.46	149	494755	50.388	ng		94
80) Benzo(a)anthracene	22.59	228	933532	46.357	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	196930	26.404	ng	#	97
82) Chrysene	22.67	228	869593	45.205	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	700798	48.217	ng	#	96
84) Di-n-octyl phthalate	23.83	149	1196546	54.011	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	1008044	44.933	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	940157	46.651	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	914734	45.671	ng	#	96
89) Benzo(a)pyrene	26.23	252	904142	47.168	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	817910	42.391	ng	#	94
91) Benzo(g,h,i)perylene	32.22	276	839833	44.156	ng	#	93

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

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