Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037787.D
Acq On : 3 Nov 2018 12:21
Operator : JU/SJ
Sample : J5755-04MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-SMS

Manual Integrations APPROVED
Sohil
11/5/2018 4:02:01 PM

Quant Time: Nov 05 14:43:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59165	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	258970	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	171284	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	387852	20.00	ng		0.00
76) Chrysene-d12	21.77	240	351233	20.00	ng		0.00
87) Perylene-d12	25.10	264	361926	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	408874	115.54	ng		0.00
7) Phenol-d6	7.24	99	539221	100.77	ng		0.00
23) Nitrobenzene-d5	9.28	82	383518	82.96	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	234115	125.32	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	911332	80.23	ng		-0.01
79) Terphenyl-d14	20.08	244	1330588	80.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58570	32.636	ng	#	88
3) Pyridine	3.94	79	170240	37.636	ng		89
4) n-Nitrosodimethylamine	3.85	42	80992	50.270	ng		91
6) Aniline	7.42	93	124187	19.023	ng		95
8) 2-Chlorophenol	7.66	128	203883	49.247	ng		98
9) Benzaldehyde	7.24	77	128850	38.492	ng		97
10) Phenol	7.27	94	235185	41.654	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	196770	45.886	ng		96
12) 1,3-Dichlorobenzene	7.98	146	205203	44.523	ng		97
13) 1,4-Dichlorobenzene	8.14	146	210493	44.648	ng		98
14) 1,2-Dichlorobenzene	8.45	146	200423	44.194	ng		99
15) Benzyl Alcohol	8.34	79	181901	46.004	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	355606	46.346	ng		96
17) 2-Methylphenol	8.53	107	177375	47.519	ng		100
18) Hexachloroethane	9.18	117	77080	47.958	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	160011	43.423	ng		96
20) 3+4-Methylphenols	8.86	107	249908	46.827	ng		98
22) Acetophenone	8.93	105	310786	47.851	ng	#	96
24) Nitrobenzene	9.32	77	235093	48.952	ng		93
25) Isophorone	9.83	82	462746	54.784	ng		96
26) 2-Nitrophenol	10.03	139	116731	53.955	ng		98
27) 2,4-Dimethylphenol	10.07	122	216417	56.025	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	279961	50.588	ng		96
29) 2,4-Dichlorophenol	10.56	162	225184	52.357	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	228838	48.927	ng		96
31) Naphthalene	10.97	128	675899	53.137	ng		99
32) Benzoic acid	10.19	122	78997	31.486	ng		96
33) 4-Chloroaniline	11.08	127	26366	4.412	ng		99
34) Hexachlorobutadiene	11.23	225	136710	49.318	ng		98
35) Caprolactam	11.87	113	62849m	36.435	ng		
36) 4-Chloro-3-methylphenol	12.19	107	239989	49.478	ng		99
37) 2-Methylnaphthalene	12.57	142	508884	54.882	ng		100
38) 1-Methylnaphthalene	12.78	142	482116	53.540	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	267770	48.467	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	307481	116.511	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	191393	51.853	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	203419	50.618	ng		98
46) 1,1'-Biphenyl	13.56	154	653279	46.053	ng		99
47) 2-Chloronaphthalene	13.62	162	519727	48.429	ng		98
48) 2-Nitroaniline	13.82	65	165312	50.796	ng		94
49) Acenaphthylene	14.46	152	847130	52.475	ng		98
50) Dimethylphthalate	14.18	163	658256	49.677	ng		100
51) 2,6-Dinitrotoluene	14.32	165	152661	52.079	ng		92
52) Acenaphthene	14.80	154	502553	50.547	ng		99
53) 3-Nitroaniline	14.65	138	73010	22.436	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	46661	48.849	ng		96
55) Dibenzofuran	15.13	168	794861	48.254	ng		99
56) 4-Nitrophenol	14.94	139	251198	104.285	ng		99
57) 2,4-Dinitrotoluene	15.10	165	212026	55.102	ng	#	92
58) Fluorene	15.78	166	642094	52.052	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	176693	51.352	ng		99
60) Diethylphthalate	15.54	149	675676	49.667	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	343153	47.727	ng		97
62) 4-Nitroaniline	15.81	138	156011	48.247	ng		90
63) Azobenzene	16.06	77	635438	48.956	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	59348	32.499	ng		99
66) n-Nitrosodiphenylamine	15.98	169	584382	50.090	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	216257	50.773	ng		100
68) Hexachlorobenzene	16.77	284	216639	49.076	ng		98
69) Atrazine	16.93	200	219731	52.092	ng		99
70) Pentachlorophenol	17.12	266	182615	61.760	ng		94
71) Phenanthrene	17.52	178	1030344	52.270	ng		99
72) Anthracene	17.61	178	1040434	53.785	ng		97
73) Carbazole	17.89	167	941052	48.633	ng		99
74) Di-n-butylphthalate	18.42	149	1115411	51.818	ng		99
75) Fluoranthene	19.53	202	1191138	53.278	ng		97
77) Benzidine	19.71	184	137433	11.508	ng		99
78) Pyrene	19.89	202	1186021	51.655	ng		98
80) Butylbenzylphthalate	20.76	149	512800	54.571	ng		97
81) Benzo(a)anthracene	21.75	228	1128370	54.314	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	171766	21.331	ng		100
83) Chrysene	21.81	228	1066985	53.411	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	725255	55.062	ng		97
85) Di-n-octyl phthalate	22.86	149	1223461	56.962	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1007370	47.016	ng	#	91
88) Benzo(b)fluoranthene	24.03	252	1112464	56.066	ng		99
89) Benzo(k)fluoranthene	24.10	252	1075932	55.346	ng		97
90) Benzo(a)pyrene	24.94	252	1060853	56.265	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	803314	46.189	ng		98
92) Benzo(g,h,i)perylene	30.13	276	832823	47.332	ng		98

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

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