Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037788.D
Acq On : 3 Nov 2018 13:00
Operator : JU/SJ
Sample : J5755-04MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-SMSD

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

Quant Time: Nov 05 14:18:18 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	59730	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	268618	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	179174	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	396299	20.00	ng		0.00
76) Chrysene-d12	21.77	240	353460	20.00	ng		0.00
87) Perylene-d12	25.10	264	359960	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	372609	104.29	ng		0.00
7) Phenol-d6	7.24	99	491945	91.06	ng		0.00
23) Nitrobenzene-d5	9.27	82	354096	73.84	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	218405	111.76	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	865697	72.86	ng		-0.02
79) Terphenyl-d14	20.08	244	1235757	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	51185	28.251	ng	#	89
3) Pyridine	3.94	79	148694	32.562	ng		93
4) n-Nitrosodimethylamine	3.85	42	68299	41.990	ng		87
6) Aniline	7.42	93	115123	17.468	ng		98
8) 2-Chlorophenol	7.66	128	187069	44.759	ng		98
9) Benzaldehyde	7.24	77	126404	37.404	ng		99
10) Phenol	7.27	94	216749	38.026	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	182964	42.263	ng		97
12) 1,3-Dichlorobenzene	7.99	146	181740	39.059	ng		99
13) 1,4-Dichlorobenzene	8.13	146	186576	39.201	ng		99
14) 1,2-Dichlorobenzene	8.45	146	182277	39.813	ng		98
15) Benzyl Alcohol	8.34	79	169354	42.426	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	325328	41.999	ng		97
17) 2-Methylphenol	8.53	107	171626	45.544	ng		97
18) Hexachloroethane	9.18	117	66029	40.693	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	152384	40.962	ng		94
20) 3+4-Methylphenols	8.86	107	232949	43.236	ng		99
22) Acetophenone	8.93	105	293317	43.539	ng	#	98
24) Nitrobenzene	9.32	77	221905	44.547	ng		94
25) Isophorone	9.83	82	442255	50.477	ng		98
26) 2-Nitrophenol	10.03	139	110571	49.272	ng		96
27) 2,4-Dimethylphenol	10.07	122	208482	52.032	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	267004	46.513	ng		95
29) 2,4-Dichlorophenol	10.56	162	212704	47.679	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	210537	43.397	ng		99
31) Naphthalene	10.97	128	636024	48.206	ng		99
32) Benzoic acid	10.18	122	80303	30.857	ng		94
33) 4-Chloroaniline	11.08	127	25873	4.174	ng		95
34) Hexachlorobutadiene	11.23	225	125956	43.806	ng		96
35) Caprolactam	11.87	113	58760m	32.841	ng		
36) 4-Chloro-3-methylphenol	12.18	107	230674	45.849	ng		98
37) 2-Methylnaphthalene	12.57	142	474415	49.327	ng		99
38) 1-Methylnaphthalene	12.79	142	458198	49.056	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	254455	44.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	290076	105.076	ng		96
43) 2,4,6-Trichlorophenol	13.16	196	183386	47.496	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	198444	47.206	ng		99
46) 1,1'-Biphenyl	13.57	154	624863	42.110	ng		100
47) 2-Chloronaphthalene	13.62	162	494413	44.041	ng		98
48) 2-Nitroaniline	13.82	65	161101	47.322	ng		95
49) Acenaphthylene	14.46	152	807493	47.817	ng		99
50) Dimethylphthalate	14.18	163	633371	45.694	ng		100
51) 2,6-Dinitrotoluene	14.32	165	145098	47.319	ng		91
52) Acenaphthene	14.80	154	476551	45.821	ng		99
53) 3-Nitroaniline	14.64	138	67013	19.686	ng	#	94
54) 2,4-Dinitrophenol	14.84	184	49480	49.267	ng		99
55) Dibenzofuran	15.13	168	759852	44.097	ng		99
56) 4-Nitrophenol	14.94	139	240052	95.269	ng		97
57) 2,4-Dinitrotoluene	15.10	165	203542	50.568	ng		92
58) Fluorene	15.78	166	607601	47.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	167077	46.419	ng		99
60) Diethylphthalate	15.54	149	639555	44.942	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	328917	43.732	ng		98
62) 4-Nitroaniline	15.81	138	148707	43.963	ng		90
63) Azobenzene	16.06	77	597481	44.005	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63973	33.817	ng		95
66) n-Nitrosodiphenylamine	15.98	169	557344	46.754	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	207686	47.722	ng		99
68) Hexachlorobenzene	16.77	284	204777	45.400	ng		98
69) Atrazine	16.92	200	208108	48.285	ng		99
70) Pentachlorophenol	17.12	266	188819	62.497	ng		95
71) Phenanthrene	17.52	178	984679	48.889	ng		99
72) Anthracene	17.62	178	993117	50.244	ng		97
73) Carbazole	17.89	167	892168	45.124	ng		99
74) Di-n-butylphthalate	18.42	149	1050547	47.765	ng		99
75) Fluoranthene	19.53	202	1118594	48.967	ng		98
77) Benzidine	19.71	184	133910	11.142	ng		98
78) Pyrene	19.89	202	1107764	47.942	ng		99
80) Butylbenzylphthalate	20.76	149	474685	50.197	ng		96
81) Benzo(a)anthracene	21.75	228	1046552	50.058	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	159887	19.730	ng		97
83) Chrysene	21.81	228	986213	49.057	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	675219	50.940	ng		98
85) Di-n-octyl phthalate	22.86	149	1122713	51.942	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	923020	42.807	ng	#	92
88) Benzo(b)fluoranthene	24.03	252	1027429	52.063	ng		100
89) Benzo(k)fluoranthene	24.10	252	997500	51.592	ng		98
90) Benzo(a)pyrene	24.94	252	966576	51.545	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	734318	42.452	ng		99
92) Benzo(g,h,i)perylene	30.12	276	760929	43.482	ng		99

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

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