Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035159.D
Acq On : 15 Jun 2018 5:31
Operator : SJ/JU
Sample : J3246-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Manual Integrations APPROVED
Sohil
6/15/2018 1:44:07 PM

Quant Time: Jun 15 07:41:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48310	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	197804	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	148680	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	395685	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	412064	20.00	ng		-0.01
86) Perylene-d12	24.93	264	408896	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	229208	80.07	ng		0.00
7) Phenol-d6	7.22	99	354149	83.82	ng		0.00
23) Nitrobenzene-d5	9.23	82	462522	111.15	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	199980	105.07	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1051487	91.94	ng		-0.01
78) Terphenyl-d14	20.04	244	1885096	95.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	39304	28.777	ng	#	74
3) Pyridine	3.95	79	125797	34.136	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	55306	34.933	ng	#	79
6) Aniline	7.39	93	84644	15.499	ng		96
8) 2-Chlorophenol	7.63	128	79348	26.444	ng		93
9) Benzaldehyde	7.20	77	108710	33.403	ng		95
10) Phenol	7.25	94	121943	27.889	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	143525	42.291	ng		90
12) 1,3-Dichlorobenzene	7.95	146	150814	42.124	ng		97
13) 1,4-Dichlorobenzene	8.10	146	155752	42.143	ng		91
14) 1,2-Dichlorobenzene	8.42	146	150155	43.253	ng		98
15) Benzyl Alcohol	8.30	79	174425	43.568	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162126	47.998	ng		77
17) 2-Methylphenol	8.50	107	95568	33.152	ng	#	94
18) Hexachloroethane	9.14	117	57482	43.444	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	141227	39.344	ng	#	83
20) 3+4-Methylphenols	8.82	107	131407	31.802	ng		98
22) Acetophenone	8.89	105	252614	41.227	ng	#	93
24) Nitrobenzene	9.27	77	207589	48.716	ng		99
25) Isophorone	9.79	82	410464	46.719	ng		99
26) 2-Nitrophenol	9.98	139	46615	31.737	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	119381	38.668	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	217171	45.998	ng		98
29) 2,4-Dichlorophenol	10.51	162	102384	30.478	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	179219	44.492	ng		97
31) Naphthalene	10.92	128	470957	45.832	ng		97
32) Benzoic acid	10.13	122	36258m	17.534	ng		
33) 4-Chloroaniline	11.02	127	23898	5.356	ng	#	89
34) Hexachlorobutadiene	11.21	225	134370	42.892	ng		95
35) Caprolactam	11.79	113	45285	36.476	ng	#	68
36) 4-Chloro-3-methylphenol	12.14	107	146777	35.051	ng		98
37) 2-Methylnaphthalene	12.52	142	376817	48.368	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	253219	45.724	ng		99
40) Hexachlorocyclopentadiene	12.86	237	316251	91.064	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	98543	29.717	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	114547	31.472	ng		92
45) 1,1'-Biphenyl	13.52	154	510795	42.725	ng		97
46) 2-Chloronaphthalene	13.57	162	407692	45.104	ng		99
47) 2-Nitroaniline	13.76	65	146655	54.945	ng		92
48) Acenaphthylene	14.41	152	690543	45.561	ng		96
49) Dimethylphthalate	14.14	163	665767	51.350	ng		98
50) 2,6-Dinitrotoluene	14.26	165	133352	56.378	ng	#	91
51) Acenaphthene	14.75	154	451499	45.593	ng		98
52) 3-Nitroaniline	14.58	138	38355	16.525	ng	#	89
53) 2,4-Dinitrophenol	14.78	184	65227	68.139	ng	#	64
54) Dibenzofuran	15.08	168	683799	46.105	ng		94
55) 4-Nitrophenol	14.88	139	97834	49.945	ng	#	83
56) 2,4-Dinitrotoluene	15.04	165	190000	60.470	ng	#	89
57) Fluorene	15.73	166	564328	45.528	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	108027	30.553	ng		96
59) Diethylphthalate	15.50	149	585116	44.233	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	322785	45.668	ng		96
61) 4-Nitroaniline	15.75	138	130099	52.267	ng	#	85
62) Azobenzene	16.02	77	576444	44.470	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	54473	30.153	ng		84
65) n-Nitrosodiphenylamine	15.94	169	510134	42.930	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	222604	46.716	ng		97
67) Hexachlorobenzene	16.73	284	224125	46.212	ng		95
68) Atrazine	16.89	200	231350	45.655	ng		97
69) Pentachlorophenol	17.08	266	150391	46.114	ng		98
70) Phenanthrene	17.47	178	912604	45.403	ng		97
71) Anthracene	17.56	178	927019	46.043	ng		97
72) Carbazole	17.83	167	849557	45.477	ng		98
73) Di-n-butylphthalate	18.39	149	953964	42.844	ng	#	99
74) Fluoranthene	19.48	202	1171646	44.796	ng		97
76) Benzidine	19.65	184	323148	21.079	ng		98
77) Pyrene	19.84	202	1160728	42.729	ng		96
79) Butylbenzylphthalate	20.72	149	445156	45.129	ng		97
80) Benzo(a)anthracene	21.68	228	1198424	45.512	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	177769	17.944	ng		98
82) Chrysene	21.75	228	1105159	45.840	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	615085	44.130	ng		100
84) Di-n-octyl phthalate	22.81	149	1063854	44.490	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1248349	44.211	ng	#	89
87) Benzo(b)fluoranthene	23.91	252	1189187	47.226	ng	#	97
88) Benzo(k)fluoranthene	23.98	252	1118956	45.427	ng	#	95
89) Benzo(a)pyrene	24.78	252	1129226	47.658	ng	#	95
90) Dibenzo(a,h)anthracene	28.68	278	991590	42.393	ng	#	97
91) Benzo(g,h,i)perylene	29.77	276	1012235	44.220	ng	#	95

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

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