Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035227.D
Acq On : 18 Jun 2018 20:28
Operator : SJ/JU
Sample : PB110293BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110293BS

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:26 PM

Quant Time: Jun 19 06:32:13 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	34646	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	134706	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	106770	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	374913	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	458578	20.00	ng		-0.02
86) Perylene-d12	24.92	264	426039	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	244184	118.94	ng		0.00
7) Phenol-d6	7.22	99	365282	120.55	ng		0.00
23) Nitrobenzene-d5	9.22	82	228860	80.76	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	223417	163.46	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	553481	67.39	ng		-0.02
78) Terphenyl-d14	20.03	244	1796199	82.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	26984	27.548	ng	#	76
3) Pyridine	3.95	79	78755	29.799	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	33419	29.434	ng	#	83
6) Aniline	7.38	93	70884	18.098	ng		99
8) 2-Chlorophenol	7.63	128	77780	36.144	ng		92
9) Benzaldehyde	7.20	77	50235	21.523	ng		94
10) Phenol	7.24	94	115980	36.986	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	75662	31.087	ng		87
12) 1,3-Dichlorobenzene	7.95	146	85030	33.117	ng		97
13) 1,4-Dichlorobenzene	8.10	146	86934	32.799	ng		92
14) 1,2-Dichlorobenzene	8.42	146	83207	33.421	ng		92
15) Benzyl Alcohol	8.29	79	92874	32.348	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	82501	34.057	ng		84
17) 2-Methylphenol	8.49	107	80057	38.724	ng		94
18) Hexachloroethane	9.14	117	30726	32.381	ng	#	79
19) n-Nitroso-di-n-propylamine	8.86	70	72516	28.170	ng	#	82
20) 3+4-Methylphenols	8.82	107	108894	36.747	ng		95
22) Acetophenone	8.88	105	132044	31.644	ng	#	91
24) Nitrobenzene	9.26	77	103435	35.644	ng		94
25) Isophorone	9.79	82	207337	34.653	ng		98
26) 2-Nitrophenol	9.97	139	42923	42.912	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	84226	40.060	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	110282	34.300	ng		98
29) 2,4-Dichlorophenol	10.51	162	93134	40.710	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	98220	35.805	ng		96
31) Naphthalene	10.92	128	237942	34.002	ng		97
32) Benzoic acid	10.14	122	56876	40.387	ng		92
33) 4-Chloroaniline	11.02	127	48508	15.964	ng		95
34) Hexachlorobutadiene	11.20	225	70897	33.232	ng		98
35) Caprolactam	11.78	113	40767m	48.218	ng		
36) 4-Chloro-3-methylphenol	12.13	107	122628	43.001	ng		93
37) 2-Methylnaphthalene	12.52	142	191321	36.061	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	129692	32.611	ng		98
40) Hexachlorocyclopentadiene	12.86	237	181034	72.590	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	95060	39.919	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	108142	41.375	ng		97
45) 1,1'-Biphenyl	13.52	154	266718	31.066	ng		94
46) 2-Chloronaphthalene	13.56	162	211015	32.509	ng		99
47) 2-Nitroaniline	13.76	65	82235	42.903	ng		90
48) Acenaphthylene	14.41	152	373361	34.303	ng		98
49) Dimethylphthalate	14.13	163	342906	36.829	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	79610	46.869	ng		93
51) Acenaphthene	14.74	154	230260	32.379	ng		96
52) 3-Nitroaniline	14.58	138	44141	26.483	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	107541	156.440	ng	#	64
54) Dibenzofuran	15.08	168	377062	35.402	ng		96
55) 4-Nitrophenol	14.88	139	174804	124.267	ng		86
56) 2,4-Dinitrotoluene	15.04	165	127493	56.503	ng	#	87
57) Fluorene	15.73	166	332600	37.366	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	124712	49.117	ng		93
59) Diethylphthalate	15.50	149	368854	38.830	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	185544	36.555	ng		97
61) 4-Nitroaniline	15.74	138	101808	56.956	ng	#	79
62) Azobenzene	16.01	77	345424	37.108	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	80647	47.114	ng		89
65) n-Nitrosodiphenylamine	15.93	169	319579	28.384	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	137829	30.528	ng		96
67) Hexachlorobenzene	16.73	284	146843	31.955	ng		94
68) Atrazine	16.88	200	191098	39.801	ng		99
69) Pentachlorophenol	17.08	266	222748	72.085	ng		98
70) Phenanthrene	17.47	178	653193	34.298	ng		98
71) Anthracene	17.56	178	681917	35.746	ng		98
72) Carbazole	17.83	167	739050	41.754	ng		99
73) Di-n-butylphthalate	18.39	149	850660	40.321	ng	#	99
74) Fluoranthene	19.47	202	1111658	44.857	ng		97
76) Benzidine	19.65	184	304493	17.848	ng		99
77) Pyrene	19.84	202	1116274	36.924	ng		98
79) Butylbenzylphthalate	20.72	149	391734	35.685	ng		96
80) Benzo(a)anthracene	21.67	228	1007492	34.380	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	185471	16.823	ng	#	96
82) Chrysene	21.74	228	918551	34.235	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	456942	29.458	ng		99
84) Di-n-octyl phthalate	22.80	149	771632	28.996	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1039689	33.086	ng	#	90
87) Benzo(b)fluoranthene	23.90	252	908698	34.635	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	875972	34.131	ng	#	97
89) Benzo(a)pyrene	24.76	252	873318	35.374	ng	#	97
90) Dibenzo(a,h)anthracene	28.66	278	837412	34.361	ng	#	95
91) Benzo(g,h,i)perylene	29.75	276	862928	36.181	ng	#	93

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

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