Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035640.D
Acq On : 13 Jul 2018 22:01
Operator : JU/SJ
Sample : PB111092BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111092BSD

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:24 PM

Quant Time: Jul 14 01:14:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38395	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	159781	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	125569	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	331768	20.00	ng		0.00
75) Chrysene-d12	21.69	240	338443	20.00	ng		0.00
86) Perylene-d12	24.91	264	332835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	400087	173.00	ng		0.00
7) Phenol-d6	7.23	99	605104	175.37	ng		0.00
23) Nitrobenzene-d5	9.22	82	380505	99.48	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	277298	167.54	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	893741	95.36	ng		0.00
78) Terphenyl-d14	20.03	244	1550183	100.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	38976	33.113	ng	#	75
3) Pyridine	3.94	79	116612	37.950	ng	#	81
4) n-Nitrosodimethylamine	3.85	42	55573	42.120	ng	#	82
6) Aniline	7.38	93	147526	32.987	ng		98
8) 2-Chlorophenol	7.62	128	132470	56.321	ng		98
9) Benzaldehyde	7.20	77	89696	42.367	ng		94
10) Phenol	7.25	94	201389	57.772	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	125364	45.921	ng		90
12) 1,3-Dichlorobenzene	7.94	146	131779	46.395	ng		94
13) 1,4-Dichlorobenzene	8.09	146	131947	45.721	ng		97
14) 1,2-Dichlorobenzene	8.41	146	129958	46.876	ng		96
15) Benzyl Alcohol	8.29	79	164848	52.612	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	151718	66.288	ng		81
17) 2-Methylphenol	8.49	107	134415	56.713	ng	#	92
18) Hexachloroethane	9.14	117	48720	44.153	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	130542	44.929	ng	#	84
20) 3+4-Methylphenols	8.82	107	188507	57.332	ng		88
22) Acetophenone	8.88	105	227956	45.878	ng	#	94
24) Nitrobenzene	9.26	77	190654	49.564	ng		92
25) Isophorone	9.78	82	375898	52.942	ng		99
26) 2-Nitrophenol	9.97	139	79785	58.402	ng	#	94
27) 2,4-Dimethylphenol	10.03	122	143940	62.245	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	193929	49.568	ng		99
29) 2,4-Dichlorophenol	10.51	162	158883	60.190	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	160399	49.554	ng		97
31) Naphthalene	10.91	128	404907	48.648	ng		99
32) Benzoic acid	10.19	122	70840	45.506	ng		96
33) 4-Chloroaniline	11.01	127	47934	13.214	ng		97
34) Hexachlorobutadiene	11.19	225	119238	47.240	ng		95
35) Caprolactam	11.79	113	59614m	52.625	ng		
36) 4-Chloro-3-methylphenol	12.14	107	202302	57.175	ng		90
37) 2-Methylnaphthalene	12.51	142	326893	52.717	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	225438	47.567	ng		98
40) Hexachlorocyclopentadiene	12.85	237	287028	115.479	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	151259	54.574	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	163469	52.722	ng		97
45) 1,1'-Biphenyl	13.51	154	464159	47.678	ng		97
46) 2-Chloronaphthalene	13.56	162	364132	48.086	ng		99
47) 2-Nitroaniline	13.76	65	133858	50.000	ng		97
48) Acenaphthylene	14.40	152	619332	48.825	ng		96
49) Dimethylphthalate	14.13	163	522337	47.478	ng		99
50) 2,6-Dinitrotoluene	14.25	165	117742	52.555	ng		92
51) Acenaphthene	14.74	154	362990	45.937	ng		97
52) 3-Nitroaniline	14.58	138	53443	23.340	ng	#	96
53) 2,4-Dinitrophenol	14.79	184	111399	95.320	ng	#	68
54) Dibenzofuran	15.07	168	606742	48.281	ng		93
55) 4-Nitrophenol	14.89	139	182262	111.768	ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	169577	52.760	ng	#	87
57) Fluorene	15.73	166	503601	47.812	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169823	57.125	ng		92
59) Diethylphthalate	15.49	149	525419	46.446	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	292788	47.295	ng		98
61) 4-Nitroaniline	15.75	138	118172	49.336	ng	#	84
62) Azobenzene	16.01	77	541499	48.527	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	92732	50.211	ng		87
65) n-Nitrosodiphenylamine	15.93	169	445206	47.145	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	195381	50.761	ng		95
67) Hexachlorobenzene	16.72	284	201939	50.946	ng		97
68) Atrazine	16.87	200	202456	52.071	ng		95
69) Pentachlorophenol	17.07	266	218327	90.429	ng		97
70) Phenanthrene	17.46	178	804946	48.624	ng		98
71) Anthracene	17.55	178	837639	50.815	ng		98
72) Carbazole	17.82	167	760802	48.600	ng		99
73) Di-n-butylphthalate	18.38	149	861734	46.582	ng	#	98
74) Fluoranthene	19.47	202	1060365	47.552	ng		97
76) Benzidine	19.64	184	411639	46.263	ng		98
77) Pyrene	19.83	202	1050258	49.077	ng		98
79) Butylbenzylphthalate	20.71	149	386713	50.532	ng		97
80) Benzo(a)anthracene	21.67	228	1041459	49.380	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	218635	29.730	ng	#	99
82) Chrysene	21.74	228	977488	50.014	ng		97
83) Bis(2-ethylhexyl)phthalate	21.56	149	522519	50.223	ng		98
84) Di-n-octyl phthalate	22.78	149	883025	50.690	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1129187	52.185	ng	#	91
87) Benzo(b)fluoranthene	23.89	252	1001291	49.496	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	938762	47.467	ng	#	97
89) Benzo(a)pyrene	24.76	252	958558	50.933	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	915746	49.563	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	934254	51.673	ng	#	94

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

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