Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035627.D
Acq On : 13 Jul 2018 13:35
Operator : JU/SJ
Sample : PB111084BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111084BS

Manual Integrations APPROVED
Sohil
7/16/2018 3:24:15 PM

Quant Time: Jul 13 17:03:05 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	36986	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	155276	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	111968	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	326301	20.00	ng		0.00
75) Chrysene-d12	21.69	240	333107	20.00	ng		0.00
86) Perylene-d12	24.91	264	319748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	273661	122.84	ng		0.00
7) Phenol-d6	7.22	99	416192	125.22	ng		0.00
23) Nitrobenzene-d5	9.22	82	258396	69.52	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	177369	120.18	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	598588	71.62	ng		0.00
78) Terphenyl-d14	20.02	244	1134564	75.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	29136	25.696	ng	#	74
3) Pyridine	3.94	79	83100	28.074	ng	#	75
4) n-Nitrosodimethylamine	3.85	42	37952	29.861	ng	#	85
6) Aniline	7.38	93	125828	29.207	ng		99
8) 2-Chlorophenol	7.62	128	89292	39.410	ng		98
9) Benzaldehyde	7.20	77	61447	30.130	ng		94
10) Phenol	7.24	94	141704	42.199	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	90114	34.266	ng		88
12) 1,3-Dichlorobenzene	7.94	146	91945m	33.604	ng		
13) 1,4-Dichlorobenzene	8.09	146	93570	33.658	ng		91
14) 1,2-Dichlorobenzene	8.41	146	91715	34.342	ng		96
15) Benzyl Alcohol	8.29	79	105375	34.912	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.57	45	104248	47.283	ng		82
17) 2-Methylphenol	8.50	107	92448	40.492	ng	#	92
18) Hexachloroethane	9.14	117	33961	31.950	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	87643	31.313	ng	#	83
20) 3+4-Methylphenols	8.82	107	125483	39.618	ng		91
22) Acetophenone	8.88	105	156657	32.443	ng	#	93
24) Nitrobenzene	9.26	77	133320	35.665	ng		96
25) Isophorone	9.78	82	254104	36.827	ng		99
26) 2-Nitrophenol	9.97	139	48988	36.899	ng	#	89
27) 2,4-Dimethylphenol	10.02	122	99604	44.322	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	134324	35.329	ng		99
29) 2,4-Dichlorophenol	10.51	162	105740	41.220	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	109773	34.897	ng		94
31) Naphthalene	10.91	128	280301	34.654	ng		98
32) Benzoic acid	10.16	122	36864	24.367	ng		94
33) 4-Chloroaniline	11.02	127	55423	15.721	ng	#	91
34) Hexachlorobutadiene	11.19	225	82040	33.446	ng		97
35) Caprolactam	11.78	113	40083	36.411	ng	#	84
36) 4-Chloro-3-methylphenol	12.13	107	134608	39.147	ng		92
37) 2-Methylnaphthalene	12.51	142	225375	37.400	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	147875	34.991	ng		98
40) Hexachlorocyclopentadiene	12.85	237	198814	89.704	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	96975	39.239	ng		92
43) 2,4,5-Trichlorophenol	13.19	196	110060	39.808	ng		97
45) 1,1'-Biphenyl	13.51	154	312728	36.025	ng		97
46) 2-Chloronaphthalene	13.55	162	245144	36.305	ng		100
47) 2-Nitroaniline	13.76	65	91577	38.362	ng		99
48) Acenaphthylene	14.40	152	419915	37.125	ng		98
49) Dimethylphthalate	14.13	163	347575	35.431	ng		98
50) 2,6-Dinitrotoluene	14.25	165	80183	40.138	ng		98
51) Acenaphthene	14.74	154	242631	34.435	ng		99
52) 3-Nitroaniline	14.58	138	51753	25.347	ng	#	92
53) 2,4-Dinitrophenol	14.79	184	62703	62.597	ng	#	66
54) Dibenzofuran	15.07	168	404185	36.069	ng		93
55) 4-Nitrophenol	14.89	139	117181	80.588	ng	#	86
56) 2,4-Dinitrotoluene	15.03	165	114845	40.072	ng		93
57) Fluorene	15.72	166	340310	36.234	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	111231	41.961	ng	#	94
59) Diethylphthalate	15.49	149	350090	34.706	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	197874	35.846	ng		95
61) 4-Nitroaniline	15.74	138	82202	38.488	ng	#	78
62) Azobenzene	16.00	77	373718	37.560	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	57229	31.507	ng		87
65) n-Nitrosodiphenylamine	15.93	169	306094	32.957	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	133113	35.163	ng		94
67) Hexachlorobenzene	16.73	284	137326	35.225	ng		93
68) Atrazine	16.87	200	136743	35.759	ng		97
69) Pentachlorophenol	17.07	266	141032	59.393	ng		95
70) Phenanthrene	17.46	178	558258	34.287	ng		97
71) Anthracene	17.55	178	571373	35.243	ng		97
72) Carbazole	17.82	167	524892	34.092	ng		98
73) Di-n-butylphthalate	18.38	149	612407	33.659	ng	#	98
74) Fluoranthene	19.47	202	760049	34.656	ng		98
76) Benzidine	19.64	184	375872	42.920	ng		97
77) Pyrene	19.83	202	758512	36.012	ng		99
79) Butylbenzylphthalate	20.71	149	261995	34.784	ng		95
80) Benzo(a)anthracene	21.67	228	747639	36.016	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	168060	23.219	ng	#	97
82) Chrysene	21.74	228	687734	35.752	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	361699	35.322	ng		100
84) Di-n-octyl phthalate	22.78	149	605656	35.325	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.57	276	778202	36.540	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	692136	35.614	ng	#	95
88) Benzo(k)fluoranthene	23.95	252	679915	35.786	ng	#	97
89) Benzo(a)pyrene	24.76	252	671635	37.148	ng	#	97
90) Dibenzo(a,h)anthracene	28.63	278	646969	36.449	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	649759	37.409	ng	#	96

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

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