Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035749.D
Acq On : 19 Jul 2018 12:05
Operator : JU/SJ
Sample : PB111228BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111228BSD

Manual Integrations APPROVED

Sohil

7/19/2018 3:45:32 PM

Quant Time: Jul 19 14:51:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41197	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	154370	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	111232	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	300445	20.00	ng		0.00
75) Chrysene-d12	21.67	240	325320	20.00	ng		0.00
86) Perylene-d12	24.88	264	314415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	251292	101.27	ng		0.00
7) Phenol-d6	7.21	99	368083	99.42	ng		0.00
23) Nitrobenzene-d5	9.20	82	347661	94.08	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	159184	108.58	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	817164	98.42	ng		0.00
78) Terphenyl-d14	20.01	244	1316819	89.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	41475	32.840	ng	#	73
3) Pyridine	3.92	79	121755	36.928	ng	#	72
4) n-Nitrosodimethylamine	3.84	42	53620	37.876	ng	#	87
6) Aniline	7.37	93	82977	17.292	ng		94
8) 2-Chlorophenol	7.61	128	120245	47.646	ng		94
9) Benzaldehyde	7.18	77	65460	28.817	ng		97
10) Phenol	7.23	94	179728	48.051	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	120767	41.228	ng		91
12) 1,3-Dichlorobenzene	7.93	146	133323	43.747	ng		97
13) 1,4-Dichlorobenzene	8.07	146	135922	43.895	ng		97
14) 1,2-Dichlorobenzene	8.39	146	125421	42.162	ng		96
15) Benzyl Alcohol	8.28	79	141463	42.077	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	133627	54.413	ng		78
17) 2-Methylphenol	8.48	107	116811	45.933	ng	#	86
18) Hexachloroethane	9.12	117	50340	42.518	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	113947	36.550	ng	#	83
20) 3+4-Methylphenols	8.81	107	164345	46.584	ng		92
22) Acetophenone	8.86	105	201665	42.009	ng	#	91
24) Nitrobenzene	9.24	77	167242	45.002	ng	#	93
25) Isophorone	9.76	82	320649	46.744	ng		98
26) 2-Nitrophenol	9.95	139	70423	53.356	ng	#	94
27) 2,4-Dimethylphenol	10.01	122	129410	57.923	ng		89
28) bis(2-Chloroethoxy)methane	10.24	93	172165	45.548	ng		97
29) 2,4-Dichlorophenol	10.49	162	144014	56.469	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	147427	47.143	ng		97
31) Naphthalene	10.89	128	364311	45.305	ng		99
32) Benzoic acid	10.16	122	38407	25.536	ng		99
34) Hexachlorobutadiene	11.17	225	112167	45.997	ng		97
35) Caprolactam	11.78	113	48785m	44.575	ng		
36) 4-Chloro-3-methylphenol	12.12	107	176613	51.664	ng		90
37) 2-Methylnaphthalene	12.49	142	288993	48.239	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	196455	46.794	ng		99
40) Hexachlorocyclopentadiene	12.83	237	260905	118.498	ng		90
42) 2,4,6-Trichlorophenol	13.10	196	132750	54.070	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.18	196	140607	51.193	ng		96
45) 1,1'-Biphenyl	13.49	154	406344	47.119	ng		96
46) 2-Chloronaphthalene	13.54	162	320916	47.841	ng		96
47) 2-Nitroaniline	13.74	65	110707	46.683	ng		97
48) Acenaphthylene	14.39	152	528540	47.038	ng		98
49) Dimethylphthalate	14.11	163	448987	46.071	ng		99
50) 2,6-Dinitrotoluene	14.23	165	103721	52.264	ng		93
51) Acenaphthene	14.73	154	307893	43.987	ng		98
52) 3-Nitroaniline	14.57	138	31932	15.743	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	13424	18.654	ng	#	70
54) Dibenzofuran	15.06	168	514911	46.255	ng		95
55) 4-Nitrophenol	14.88	139	136590	94.557	ng	#	88
56) 2,4-Dinitrotoluene	15.02	165	144662	50.810	ng	#	89
57) Fluorene	15.71	166	431759	46.275	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141368	53.682	ng		93
59) Diethylphthalate	15.47	149	448326	44.739	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	253911	46.302	ng		97
61) 4-Nitroaniline	15.73	138	98348	46.352	ng	#	81
62) Azobenzene	15.99	77	446797	45.202	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	35712	21.353	ng		91
65) n-Nitrosodiphenylamine	15.91	169	386804	45.231	ng		97
66) 4-Bromophenyl-phenylether	16.59	248	172351	49.446	ng		98
67) Hexachlorobenzene	16.71	284	174979	48.746	ng		93
68) Atrazine	16.86	200	179641	51.020	ng		98
69) Pentachlorophenol	17.06	266	101973	46.640	ng		95
70) Phenanthrene	17.45	178	702254	46.843	ng		98
71) Anthracene	17.54	178	714417	47.859	ng		99
72) Carbazole	17.81	167	652981	46.061	ng		98
73) Di-n-butylphthalate	18.36	149	736536	43.965	ng	#	98
74) Fluoranthene	19.45	202	925292	45.821	ng		98
76) Benzidine	19.64	184	284737	33.292	ng		97
77) Pyrene	19.81	202	916116	44.536	ng		96
79) Butylbenzylphthalate	20.69	149	349481	47.509	ng	#	97
80) Benzo(a)anthracene	21.65	228	946590	46.692	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	167944	23.758	ng		97
82) Chrysene	21.72	228	883876	47.048	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	486032	48.600	ng	#	99
84) Di-n-octyl phthalate	22.76	149	824763	49.255	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.54	276	1032303	49.632	ng	#	90
87) Benzo(b)fluoranthene	23.86	252	921593	48.226	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	857836	45.916	ng	#	97
89) Benzo(a)pyrene	24.73	252	880018	49.499	ng	#	97
90) Dibenzo(a,h)anthracene	28.60	278	855983	49.042	ng	#	95
91) Benzo(g,h,i)perylene	29.68	276	848398	49.673	ng	#	92

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

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