Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033363.D
Acq On : 27 Mar 2018 15:50
Operator : SJ/JU
Sample : PB107684BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 08:12:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB107684BS

Manual Integrations APPROVED
Sohil
3/28/2018 4:57:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38369	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	166059	20.00	ng		-0.03
38) Acenaphthene-d10	15.49	164	126880	20.00	ng		-0.03
63) Phenanthrene-d10	18.22	188	330549	20.00	ng		-0.02
75) Chrysene-d12	22.57	240	355920	20.00	ng		-0.03
86) Perylene-d12	26.33	264	394234	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	309930	151.46	ng		-0.03
7) Phenol-d6	7.97	99	473702	134.73	ng		-0.03
23) Nitrobenzene-d5	10.07	82	299496	82.86	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	246262	129.77	ng		-0.03
44) 2-Fluorobiphenyl	14.11	172	739670	84.16	ng		-0.03
78) Terphenyl-d14	20.73	244	1375533	82.65	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	35754	34.407	ng		92
3) Pyridine	4.39	79	100960m	35.146	ng		
4) n-Nitrosodimethylamine	4.29	42	54691m	46.394	ng		
6) Aniline	8.16	93	109295	26.434	ng	#	88
8) 2-Chlorophenol	8.41	128	109134	46.653	ng		94
9) Benzaldehyde	7.98	77	26600m	11.905	ng		
10) Phenol	8.00	94	160537	46.248	ng		89
11) bis(2-Chloroethyl)ether	8.25	93	107642	37.992	ng		96
12) 1,3-Dichlorobenzene	8.75	146	113146	36.996	ng		96
13) 1,4-Dichlorobenzene	8.90	146	113140	36.939	ng		94
14) 1,2-Dichlorobenzene	9.23	146	113975	38.127	ng		97
15) Benzyl Alcohol	9.10	79	116533	42.098	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.39	45	165899	35.917	ng		85
17) 2-Methylphenol	9.30	107	94652	40.027	ng	#	92
18) Hexachloroethane	9.99	117	45552	38.534	ng		99
19) n-Nitroso-di-n-propylamine	9.67	70	93044	36.116	ng		96
20) 3+4-Methylphenols	9.63	107	139892	41.550	ng		93
22) Acetophenone	9.71	105	172403	37.895	ng	#	96
24) Nitrobenzene	10.11	77	145016	37.485	ng	#	90
25) Isophorone	10.63	82	286137	40.790	ng		97
26) 2-Nitrophenol	10.84	139	64111	43.772	ng	#	88
27) 2,4-Dimethylphenol	10.87	122	103594	48.688	ng	#	81
28) bis(2-Chloroethoxy)methane	11.11	93	153636	43.895	ng		98
29) 2,4-Dichlorophenol	11.38	162	124759	47.678	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	131314	38.625	ng		98
31) Naphthalene	11.80	128	336814	39.141	ng		99
32) Benzoic acid	10.98	122	75123m	37.980	ng		
33) 4-Chloroaniline	11.90	127	94348	24.472	ng	#	94
34) Hexachlorobutadiene	12.06	225	98626	38.362	ng		99
35) Caprolactam	12.64	113	43498	42.432	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	146046	42.793	ng		92
37) 2-Methylnaphthalene	13.35	142	258754m	38.741	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	177138	38.542	ng		98
40) Hexachlorocyclopentadiene	13.68	237	241553	89.655	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	118780	44.483	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	140086	44.384	ng		96
45) 1,1'-Biphenyl	14.33	154	372314	38.194	ng		97
46) 2-Chloronaphthalene	14.38	162	288370	38.367	ng		96
47) 2-Nitroaniline	14.57	65	114840	40.793	ng		93
48) Acenaphthylene	15.22	152	467905	37.296	ng		100
49) Dimethylphthalate	14.91	163	431334	39.063	ng		99
50) 2,6-Dinitrotoluene	15.04	165	90754	40.196	ng		94
51) Acenaphthene	15.55	154	327933	40.548	ng		97
52) 3-Nitroaniline	15.39	138	65183	27.538	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	65724	58.485	ng	#	80
54) Dibenzofuran	15.88	168	474171	39.692	ng	#	90
55) 4-Nitrophenol	15.66	139	144467	86.795	ng	#	87
56) 2,4-Dinitrotoluene	15.82	165	135096	40.638	ng		94
57) Fluorene	16.52	166	395874	38.897	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	134006	45.100	ng	#	95
59) Diethylphthalate	16.25	149	425609	39.695	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	228864	39.119	ng		99
61) 4-Nitroaniline	16.53	138	90988	37.959	ng	#	85
62) Azobenzene	16.79	77	397756	38.296	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	68985	34.886	ng		92
65) n-Nitrosodiphenylamine	16.71	169	372008	39.421	ng		96
66) 4-Bromophenyl-phenylether	17.39	248	153976	39.664	ng		97
67) Hexachlorobenzene	17.52	284	159415	38.911	ng		94
68) Atrazine	17.62	200	155998	40.795	ng		96
69) Pentachlorophenol	17.85	266	208536	74.161	ng		99
70) Phenanthrene	18.26	178	671231	38.991	ng		99
71) Anthracene	18.35	178	694059	39.818	ng		100
72) Carbazole	18.61	167	613286	39.705	ng		98
73) Di-n-butylphthalate	19.10	149	725902	40.376	ng	#	98
74) Fluoranthene	20.21	202	867806	40.736	ng		97
76) Benzidine	20.37	184	327449	33.925	ng		99
77) Pyrene	20.57	202	866765	36.514	ng		98
79) Butylbenzylphthalate	21.43	149	334556	38.192	ng		93
80) Benzo(a)anthracene	22.54	228	887051	39.140	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	238798	29.610	ng	#	96
82) Chrysene	22.62	228	841537	38.359	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	469757	38.902	ng		100
84) Di-n-octyl phthalate	23.76	149	814114	44.033	ng		97
85) Indeno(1,2,3-cd)pyrene	30.70	276	1011717	42.654	ng	#	85
87) Benzo(b)fluoranthene	25.12	252	856679	37.612	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	907790	39.407	ng	#	98
89) Benzo(a)pyrene	26.16	252	872127	39.872	ng	#	96
90) Dibenzo(a,h)anthracene	30.80	278	849269	41.219	ng	#	96
91) Benzo(g,h,i)perylene	32.08	276	825371	40.454	ng	#	93

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

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