Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
Data File : BG052780.D
Acq On : 22 Mar 2022 11:13
Operator : CG/JU
Sample : PB143455BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB143455BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 16:37:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	45602	20.000	ng		-0.01
21) Naphthalene-d8	10.960	136	183638	20.000	ng		-0.01
39) Acenaphthene-d10	14.766	164	127178	20.000	ng		0.00
64) Phenanthrene-d10	17.510	188	303005	20.000	ng		0.00
76) Chrysene-d12	21.798	240	309884	20.000	ng		-0.01
86) Perylene-d12	25.117	264	319082	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	354124	135.238	ng		0.00
7) Phenol-d6	7.300	99	501917	127.142	ng		0.00
23) Nitrobenzene-d5	9.303	82	336883	92.074	ng		-0.01
42) 2,4,6-Tribromophenol	16.252	330	231847	135.668	ng		0.00
45) 2-Fluorobiphenyl	13.392	172	743174	86.184	ng		-0.01
79) Terphenyl-d14	20.112	244	1429891	82.081	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	43588	33.277	ng		98
3) Pyridine	3.987	79	115074	34.271	ng		90
4) n-Nitrosodimethylamine	3.899	42	66109	44.382	ng	#	98
6) Aniline	7.464	93	180711	39.040	ng		98
8) 2-Chlorophenol	7.711	128	136679	49.676	ng		98
9) Benzaldehyde	7.276	77	91205	42.644	ng		97
10) Phenol	7.323	94	188740	48.433	ng		95
11) bis(2-Chloroethyl)ether	7.552	93	131688	44.748	ng		93
12) 1,3-Dichlorobenzene	8.034	146	147827	44.623	ng		96
13) 1,4-Dichlorobenzene	8.181	146	146954	44.150	ng		98
14) 1,2-Dichlorobenzene	8.504	146	142036	45.121	ng		100
15) Benzyl Alcohol	8.375	79	152302	45.819	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.674	45	209516	40.882	ng		99
17) 2-Methylphenol	8.580	107	124275	47.838	ng		94
18) Hexachloroethane	9.238	117	55016	45.051	ng		95
19) n-Nitroso-di-n-propyla...	8.951	70	121578	43.483	ng	#	97
20) 3+4-Methylphenols	8.909	107	169710	46.680	ng		95
22) Acetophenone	8.962	105	215027	45.247	ng	#	96
24) Nitrobenzene	9.350	77	183610	50.154	ng		93
25) Isophorone	9.879	82	334050	47.151	ng		99
26) 2-Nitrophenol	10.061	139	73257	57.623	ng		94
27) 2,4-Dimethylphenol	10.114	122	132661	51.006	ng		93
28) bis(2-Chloroethoxy)met...	10.355	93	177448	42.360	ng		99
29) 2,4-Dichlorophenol	10.601	162	142400	48.656	ng		99
30) 1,2,4-Trichlorobenzene	10.819	180	154465	44.740	ng		99
31) Naphthalene	11.007	128	417502	43.965	ng		99
32) Benzoic acid	10.255	122	86420	45.130	ng		86
33) 4-Chloroaniline	11.106	127	92955	23.095	ng		97
34) Hexachlorobutadiene	11.300	225	110014	44.444	ng		97
35) Caprolactam	11.882	113	46352m	58.003	ng		
36) 4-Chloro-3-methylphenol	12.217	107	160069	47.100	ng		95
37) 2-Methylnaphthalene	12.604	142	299601	43.081	ng		98
38) 1-Methylnaphthalene	12.822	142	285831	42.113	ng		93
40) 1,2,4,5-Tetrachloroben...	12.975	216	183426	46.165	ng	#	98
41) Hexachlorocyclopentadiene	12.957	237	269474	114.417	ng		90
43) 2,4,6-Trichlorophenol	13.198	196	128754	50.601	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	138090	53.468	ng		99
46) 1,1'-Biphenyl	13.603	154	403713	45.392	ng		98
47) 2-Chloronaphthalene	13.644	162	316059	45.124	ng		96
48) 2-Nitroaniline	13.838	65	116270	60.698	ng		96
49) Acenaphthylene	14.490	152	533737	47.803	ng		98
50) Dimethylphthalate	14.214	163	425778	45.046	ng		99
51) 2,6-Dinitrotoluene	14.326	165	92295	57.834	ng	#	82
52) Acenaphthene	14.831	154	377908	52.832	ng		96
53) 3-Nitroaniline	14.655	138	66623	35.677	ng		97
54) 2,4-Dinitrophenol	14.860	184	115810	133.133	ng	#	90
55) Dibenzofuran	15.166	168	501394	42.924	ng		98
56) 4-Nitrophenol	14.960	139	166085	109.032	ng		89
57) 2,4-Dinitrotoluene	15.113	165	130356	58.872	ng		88
58) Fluorene	15.812	166	415757	43.663	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.383	232	131791	47.741	ng		98
60) Diethylphthalate	15.571	149	444284	44.530	ng		99
61) 4-Chlorophenyl-phenyle...	15.800	204	225492	42.941	ng		98
62) 4-Nitroaniline	15.818	138	97497	49.411	ng		88
63) Azobenzene	16.094	77	455174	42.683	ng		97
65) 4,6-Dinitro-2-methylph...	15.876	198	78020	57.756	ng		95
66) n-Nitrosodiphenylamine	16.012	169	379574	44.496	ng		98
67) 4-Bromophenyl-phenylether	16.693	248	162131	44.382	ng		94
68) Hexachlorobenzene	16.822	284	175956	44.811	ng		93
69) Atrazine	16.957	200	162202	51.567	ng		95
70) Pentachlorophenol	17.157	266	231970	95.225	ng		94
71) Phenanthrene	17.551	178	720364	44.440	ng		98
72) Anthracene	17.645	178	732743	45.726	ng		99
73) Carbazole	17.903	167	686006	43.225	ng		99
74) Di-n-butylphthalate	18.461	149	803487	46.343	ng		98
75) Fluoranthene	19.554	202	938289	45.600	ng		98
77) Benzidine	19.724	184	392212	49.072	ng		99
78) Pyrene	19.918	202	937765	43.626	ng		98
80) Butylbenzylphthalate	20.799	149	356807	46.794	ng		99
81) Benzo(a)anthracene	21.780	228	921165	44.393	ng		97
82) 3,3'-Dichlorobenzidine	21.686	252	239462	32.679	ng		98
83) Chrysene	21.851	228	848609	43.502	ng		99
84) Bis(2-ethylhexyl)phtha...	21.680	149	492672	47.511	ng		100
85) Di-n-octyl phthalate	22.932	149	834891	48.363	ng		97
87) Indeno(1,2,3-cd)pyrene	28.924	276	1007548	46.133	ng	#	96
88) Benzo(b)fluoranthene	24.065	252	963732	48.644	ng		97
89) Benzo(k)fluoranthene	24.136	252	887210	45.516	ng		98
90) Benzo(a)pyrene	24.964	252	907317	54.103	ng		99
91) Dibenzo(a,h)anthracene	28.988	278	877931	48.784	ng		97
92) Benzo(g,h,i)perylene	30.110	276	877526	49.282	ng		96

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

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