Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055153.D
Acq On : 13 Oct 2022 1:23
Operator : CG/JU
Sample : PB148265BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 13 05:39:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148265BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	28903	20.000	ng	0.00
21) Naphthalene-d8	11.133	136	140736	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	115068	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	283686	20.000	ng	0.00
76) Chrysene-d12	21.927	240	265184	20.000	ng	0.00
86) Perylene-d12	25.334	264	280827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	248220	168.023	ng	0.00
7) Phenol-d6	7.438	99	348796	159.608	ng	0.00
23) Nitrobenzene-d5	9.471	82	217316	82.804	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	215477	130.324	ng	0.00
45) 2-Fluorobiphenyl	13.542	172	569762	80.886	ng	0.00
79) Terphenyl-d14	20.217	244	1156093	87.803	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.636	88	19142	30.622	ng	93
3) Pyridine	4.053	79	59305	30.086	ng	96
4) n-Nitrosodimethylamine	3.959	42	41520	39.694	ng	97
6) Aniline	7.614	93	132155	47.094	ng	99
8) 2-Chlorophenol	7.855	128	91834	50.977	ng	98
9) Benzaldehyde	7.426	77	57405	39.059	ng	97
10) Phenol	7.461	94	120533	49.645	ng	99
11) bis(2-Chloroethyl)ether	7.702	93	78494	45.709	ng	97
12) 1,3-Dichlorobenzene	8.190	146	89423	42.708	ng	99
13) 1,4-Dichlorobenzene	8.337	146	90403	42.765	ng	97
14) 1,2-Dichlorobenzene	8.660	146	91404	45.151	ng	97
15) Benzyl Alcohol	8.530	79	94664	48.454	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.824	45	130533	45.471	ng	97
17) 2-Methylphenol	8.730	107	86808	49.695	ng	99
18) Hexachloroethane	9.400	117	31106	43.406	ng	97
19) n-Nitroso-di-n-propyla...	9.100	70	78650	44.595	ng	97
20) 3+4-Methylphenols	9.059	107	118982	47.473	ng	96
22) Acetophenone	9.124	105	148805	42.704	ng	98
24) Nitrobenzene	9.518	77	111536	41.078	ng	96
25) Isophorone	10.040	82	219151	42.998	ng	98
26) 2-Nitrophenol	10.228	139	55987	43.520	ng	98
27) 2,4-Dimethylphenol	10.275	122	100750	51.496	ng	98
28) bis(2-Chloroethoxy)met...	10.516	93	118169	46.783	ng	99
29) 2,4-Dichlorophenol	10.763	162	103741	44.366	ng	98
30) 1,2,4-Trichlorobenzene	10.986	180	99783	39.560	ng	97
31) Naphthalene	11.180	128	296322	40.035	ng	99
32) Benzoic acid	10.405	122	65655m	39.793	ng	
33) 4-Chloroaniline	11.274	127	109098	34.292	ng	99
34) Hexachlorobutadiene	11.462	225	62659	38.960	ng	95
35) Caprolactam	12.044	113	40206m	41.856	ng	
36) 4-Chloro-3-methylphenol	12.373	107	118773	45.043	ng	99
37) 2-Methylnaphthalene	12.761	142	228177	41.169	ng	98
38) 1-Methylnaphthalene	12.978	142	218202	40.352	ng	99
40) 1,2,4,5-Tetrachloroben...	13.125	216	130764	40.291	ng	99
41) Hexachlorocyclopentadiene	13.102	237	167607	103.354	ng	98
43) 2,4,6-Trichlorophenol	13.348	196	97224	41.215	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.425	196	108211	41.340	ng		99
46)	1,1'-Biphenyl	13.748	154	318217	41.654	ng		100
47)	2-Chloronaphthalene	13.801	162	249410	40.360	ng		97
48)	2-Nitroaniline	13.989	65	89110	40.419	ng		96
49)	Acenaphthylene	14.635	152	414466	39.953	ng		100
50)	Dimethylphthalate	14.353	163	359322	38.847	ng		99
51)	2,6-Dinitrotoluene	14.476	165	78258	41.114	ng		96
52)	Acenaphthene	14.976	154	299782	44.671	ng		99
53)	3-Nitroaniline	14.805	138	73133	33.139	ng		91
54)	2,4-Dinitrophenol	15.005	184	101089	87.305	ng		90
55)	Dibenzofuran	15.305	168	417681	39.892	ng		98
56)	4-Nitrophenol	15.093	139	144626	84.160	ng		94
57)	2,4-Dinitrotoluene	15.252	165	113869	40.844	ng		98
58)	Fluorene	15.951	166	334084	38.861	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.522	232	101777	39.402	ng		99
60)	Diethylphthalate	15.704	149	380293	39.034	ng		99
61)	4-Chlorophenyl-phenyle...	15.934	204	185960	40.398	ng		99
62)	4-Nitroaniline	15.963	138	89854	37.714	ng		99
63)	Azobenzene	16.227	77	327529	39.599	ng		98
65)	4,6-Dinitro-2-methylph...	16.010	198	69596	41.738	ng		99
66)	n-Nitrosodiphenylamine	16.145	169	310207	41.450	ng		100
67)	4-Bromophenyl-phenylether	16.827	248	127463	41.216	ng		98
68)	Hexachlorobenzene	16.950	284	145971	41.067	ng		98
69)	Atrazine	17.079	200	134788	45.683	ng		98
70)	Pentachlorophenol	17.285	266	178611	84.340	ng		95
71)	Phenanthrene	17.684	178	587766	39.944	ng		99
72)	Anthracene	17.778	178	596421	41.476	ng		99
73)	Carbazole	18.037	167	559411	41.781	ng		99
74)	Di-n-butylphthalate	18.578	149	658350	39.942	ng		99
75)	Fluoranthene	19.670	202	732282	39.811	ng		98
77)	Benzidine	19.841	184	457478	76.928	ng		100
78)	Pyrene	20.029	202	723615	40.933	ng		98
80)	Butylbenzylphthalate	20.892	149	284648	41.945	ng		98
81)	Benzo(a)anthracene	21.903	228	691879	40.778	ng		99
82)	3,3'-Dichlorobenzidine	21.803	252	232745	39.971	ng		98
83)	Chrysene	21.974	228	635944	39.733	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.786	149	404277	41.822	ng		98
85)	Di-n-octyl phthalate	23.060	149	680563	42.228	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.271	276	846445	40.690	ng	#	95
88)	Benzo(b)fluoranthene	24.247	252	732184	43.744	ng		100
89)	Benzo(k)fluoranthene	24.324	252	721346	42.895	ng		99
90)	Benzo(a)pyrene	25.176	252	653529	45.660	ng		99
91)	Dibenzo(a,h)anthracene	29.341	278	733842	42.631	ng		99
92)	Benzo(g,h,i)perylene	30.511	276	721056	42.762	ng		97

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

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