Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060481.D
Acq On : 30 Jan 2024 13:09
Operator : MA/JU
Sample : PB158620BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 13:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158620BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	179154	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	780010	20.000	ng		0.00
39) Acenaphthene-d10	14.562	164	611781	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	1627007	20.000	ng		0.00
76) Chrysene-d12	21.572	240	1573962	20.000	ng		0.00
86) Perylene-d12	24.733	264	1561292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	1406447	129.124	ng		0.00
7) Phenol-d6	7.095	99	2057810	127.586	ng		0.00
23) Nitrobenzene-d5	9.086	82	1247602	75.527	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	1192363	132.469	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	3265143	74.203	ng		0.00
79) Terphenyl-d14	19.927	244	5155412	81.251	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	133414	26.814	ng		94
3) Pyridine	3.787	79	323723	23.060	ng	#	88
4) n-Nitrosodimethylamine	3.705	42	143597	32.685	ng		98
6) Aniline	7.247	93	489694	30.375	ng		99
8) 2-Chlorophenol	7.488	128	484286	44.863	ng		95
9) Benzaldehyde	7.059	77	66369m	7.169	ng		
10) Phenol	7.118	94	750190	46.391	ng		98
11) bis(2-Chloroethyl)ether	7.341	93	485119	36.815	ng		98
12) 1,3-Dichlorobenzene	7.811	146	513552	37.902	ng		99
13) 1,4-Dichlorobenzene	7.958	146	522999	38.043	ng		99
14) 1,2-Dichlorobenzene	8.276	146	526511	37.246	ng		97
15) Benzyl Alcohol	8.164	79	501264	48.011	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	670818	41.943	ng		97
17) 2-Methylphenol	8.370	107	499180	44.942	ng		99
18) Hexachloroethane	9.004	117	180646	37.478	ng		95
19) n-Nitroso-di-n-propyla...	8.728	70	464112	41.576	ng	#	96
20) 3+4-Methylphenols	8.693	107	712801	47.597	ng		95
22) Acetophenone	8.746	105	877048	40.905	ng	#	99
24) Nitrobenzene	9.128	77	638350	37.278	ng		96
25) Isophorone	9.645	82	1291610	38.935	ng		98
26) 2-Nitrophenol	9.839	139	289965	46.055	ng		95
27) 2,4-Dimethylphenol	9.897	122	539237	64.816	ng		96
28) bis(2-Chloroethoxy)met...	10.132	93	791131	39.032	ng		99
29) 2,4-Dichlorophenol	10.373	162	628370	46.609	ng		98
30) 1,2,4-Trichlorobenzene	10.585	180	631821	37.670	ng		94
31) Naphthalene	10.773	128	1571346	38.431	ng		100
32) Benzoic acid	10.062	122	361062	48.901	ng		94
33) 4-Chloroaniline	10.884	127	401478	25.484	ng		98
34) Hexachlorobutadiene	11.055	225	418578	38.310	ng		97
35) Caprolactam	11.666	113	212817m	49.011	ng		
36) 4-Chloro-3-methylphenol	12.012	107	649713	47.438	ng		96
37) 2-Methylnaphthalene	12.383	142	1225473	40.412	ng		97
38) 1-Methylnaphthalene	12.606	142	1163636	38.214	ng		100
40) 1,2,4,5-Tetrachloroben...	12.753	216	858128	39.495	ng		100
41) Hexachlorocyclopentadiene	12.729	237	782308	108.447	ng		98
43) 2,4,6-Trichlorophenol	12.994	196	615920	44.544	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.070	196	682941	44.779	ng		99
46)	1,1'-Biphenyl	13.393	154	1809919	39.193	ng		97
47)	2-Chloronaphthalene	13.440	162	1470317	37.165	ng		99
48)	2-Nitroaniline	13.646	65	456342	46.318	ng		98
49)	Acenaphthylene	14.286	152	2270555	41.678	ng		99
50)	Dimethylphthalate	14.016	163	1953593	41.787	ng		98
51)	2,6-Dinitrotoluene	14.139	165	439315	44.038	ng		98
52)	Acenaphthene	14.627	154	1332368	39.276	ng		99
53)	3-Nitroaniline	14.474	138	313967	34.540	ng		95
54)	2,4-Dinitrophenol	14.680	184	559799	91.205	ng		98
55)	Dibenzofuran	14.962	168	2287195	40.389	ng		97
56)	4-Nitrophenol	14.792	139	683868	101.429	ng		91
57)	2,4-Dinitrotoluene	14.927	165	621092	45.402	ng		93
58)	Fluorene	15.614	166	1900602	40.529	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.185	232	638663	49.315	ng		99
60)	Diethylphthalate	15.379	149	1885293	42.005	ng		98
61)	4-Chlorophenyl-phenyle...	15.602	204	1064313	41.199	ng		99
62)	4-Nitroaniline	15.643	138	426455	44.080	ng		93
63)	Azobenzene	15.896	77	1766221	38.907	ng		98
65)	4,6-Dinitro-2-methylph...	15.690	198	426110	47.341	ng		96
66)	n-Nitrosodiphenylamine	15.820	169	1751874	40.552	ng		97
67)	4-Bromophenyl-phenylether	16.495	248	730682	40.872	ng		97
68)	Hexachlorobenzene	16.613	284	813314	38.433	ng		97
69)	Atrazine	16.772	200	969017	59.486	ng		100
70)	Pentachlorophenol	16.960	266	1141169	100.044	ng		93
71)	Phenanthrene	17.353	178	3212815	40.854	ng		97
72)	Anthracene	17.447	178	3219476	41.004	ng		97
73)	Carbazole	17.718	167	2952052	39.881	ng		99
74)	Di-n-butylphthalate	18.270	149	3120653	40.974	ng		98
75)	Fluoranthene	19.369	202	3757645	39.782	ng		94
77)	Benzidine	19.551	184	491755	14.381	ng		99
78)	Pyrene	19.733	202	3931280	39.112	ng		93
80)	Butylbenzylphthalate	20.614	149	1489628	43.077	ng		97
81)	Benzo(a)anthracene	21.554	228	4026399	41.322	ng		97
82)	3,3'-Dichlorobenzidine	21.472	252	1365051	36.581	ng		99
83)	Chrysene	21.619	228	3783231	39.477	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.460	149	2158920	41.315	ng	#	98
85)	Di-n-octyl phthalate	22.641	149	3652730	43.136	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.340	276	4935927	45.468	ng	#	96
88)	Benzo(b)fluoranthene	23.734	252	4225043	45.808	ng		96
89)	Benzo(k)fluoranthene	23.799	252	4220333	46.368	ng		99
90)	Benzo(a)pyrene	24.586	252	3775506	45.313	ng		99
91)	Dibenzo(a,h)anthracene	28.405	278	4111242	46.373	ng		98
92)	Benzo(g,h,i)perylene	29.480	276	4084730	44.954	ng		99

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

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