Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060480.D
Acq On : 30 Jan 2024 12:29
Operator : MA/JU
Sample : PB158666BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 13:05:11 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 :
PB158666BS

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	7.918	152	188369	20.000	ng		-0.01
21) Naphthalene-d8	10.726	136	817923	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	631099	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1649295	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1562334	20.000	ng		0.00
86) Perylene-d12	24.734	264	1557385	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	1429259	124.799	ng		0.00
7) Phenol-d6	7.095	99	2098046	123.717	ng		0.00
23) Nitrobenzene-d5	9.087	82	1274937	73.604	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	1197015	128.915	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	3307132	72.856	ng		0.00
79) Terphenyl-d14	19.927	244	5076910	80.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	147959	28.283	ng		95
3) Pyridine	3.788	79	322431	21.845	ng		90
4) n-Nitrosodimethylamine	3.705	42	139720	30.246	ng		98
6) Aniline	7.248	93	500449	29.524	ng		97
8) 2-Chlorophenol	7.489	128	497733	43.853	ng		94
9) Benzaldehyde	7.066	77	62645m	6.436	ng		
10) Phenol	7.119	94	761153	44.766	ng		98
11) bis(2-Chloroethyl)ether	7.342	93	517627	37.360	ng		97
12) 1,3-Dichlorobenzene	7.812	146	530504	37.238	ng		98
13) 1,4-Dichlorobenzene	7.959	146	538756	37.273	ng		99
14) 1,2-Dichlorobenzene	8.276	146	543713	36.581	ng		99
15) Benzyl Alcohol	8.159	79	507403	46.222	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.447	45	692297	41.168	ng		97
17) 2-Methylphenol	8.364	107	510869	43.744	ng		99
18) Hexachloroethane	8.999	117	187456	36.988	ng		98
19) n-Nitroso-di-n-propyla...	8.729	70	471393	40.163	ng		99
20) 3+4-Methylphenols	8.694	107	719567	45.698	ng		98
22) Acetophenone	8.746	105	895891	39.847	ng	#	99
24) Nitrobenzene	9.128	77	661880	36.861	ng		97
25) Isophorone	9.645	82	1326536	38.135	ng		98
26) 2-Nitrophenol	9.839	139	303549	45.977	ng	#	95
27) 2,4-Dimethylphenol	9.898	122	547055	62.708	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	806505	37.946	ng		100
29) 2,4-Dichlorophenol	10.374	162	630486	44.598	ng		100
30) 1,2,4-Trichlorobenzene	10.585	180	651047	37.017	ng		95
31) Naphthalene	10.773	128	1612778	37.616	ng		99
32) Benzoic acid	10.057	122	350873	46.066	ng		89
33) 4-Chloroaniline	10.885	127	409885	24.811	ng		98
34) Hexachlorobutadiene	11.055	225	422182	36.849	ng		97
35) Caprolactam	11.667	113	218800m	48.053	ng		
36) 4-Chloro-3-methylphenol	12.013	107	662127	46.104	ng		97
37) 2-Methylnaphthalene	12.383	142	1256003	39.499	ng		98
38) 1-Methylnaphthalene	12.601	142	1195750	37.448	ng		95
40) 1,2,4,5-Tetrachloroben...	12.753	216	870078	38.819	ng		99
41) Hexachlorocyclopentadiene	12.730	237	798659	107.325	ng		98
43) 2,4,6-Trichlorophenol	12.994	196	621579	43.577	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	702651	44.662	ng		96
46) 1,1'-Biphenyl	13.394	154	1855473	38.950	ng		98
47) 2-Chloronaphthalene	13.441	162	1498318	36.714	ng		98
48) 2-Nitroaniline	13.647	65	452317	44.504	ng		93
49) Acenaphthylene	14.287	152	2309317	41.092	ng		99
50) Dimethylphthalate	14.017	163	1979120	41.037	ng		99
51) 2,6-Dinitrotoluene	14.140	165	450803	43.806	ng		99
52) Acenaphthene	14.628	154	1381489	39.478	ng		99
53) 3-Nitroaniline	14.469	138	311690	33.240	ng		99
54) 2,4-Dinitrophenol	14.681	184	561080	88.860	ng		97
55) Dibenzofuran	14.963	168	2330499	39.894	ng		97
56) 4-Nitrophenol	14.792	139	691489	99.420	ng		94
57) 2,4-Dinitrotoluene	14.927	165	633522	44.893	ng		93
58) Fluorene	15.609	166	1906536	39.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	655133	49.038	ng		98
60) Diethylphthalate	15.380	149	1910007	41.253	ng		98
61) 4-Chlorophenyl-phenyle...	15.603	204	1069473	40.131	ng		99
62) 4-Nitroaniline	15.638	138	436739	43.761	ng		97
63) Azobenzene	15.897	77	1801855	38.477	ng		98
65) 4,6-Dinitro-2-methylph...	15.691	198	422923	46.352	ng		92
66) n-Nitrosodiphenylamine	15.820	169	1779815	40.642	ng		99
67) 4-Bromophenyl-phenylether	16.496	248	740196	40.844	ng		98
68) Hexachlorobenzene	16.614	284	825140	38.465	ng		98
69) Atrazine	16.772	200	950019	57.532	ng		99
70) Pentachlorophenol	16.960	266	1135354	98.189	ng		94
71) Phenanthrene	17.354	178	3272078	41.045	ng		98
72) Anthracene	17.442	178	3284287	41.264	ng		97
73) Carbazole	17.712	167	2984806	39.779	ng		98
74) Di-n-butylphthalate	18.271	149	3161588	40.950	ng		99
75) Fluoranthene	19.369	202	3779544	39.473	ng		93
77) Benzidine	19.551	184	474809	13.989	ng		98
78) Pyrene	19.728	202	3883992	38.929	ng		94
80) Butylbenzylphthalate	20.615	149	1487648	43.340	ng		97
81) Benzo(a)anthracene	21.555	228	3990824	41.262	ng		98
82) 3,3'-Dichlorobenzidine	21.473	252	1340426	36.188	ng		99
83) Chrysene	21.620	228	3776362	39.699	ng		96
84) Bis(2-ethylhexyl)phtha...	21.461	149	2158728	41.619	ng	#	97
85) Di-n-octyl phthalate	22.642	149	3633810	43.232	ng		99
87) Indeno(1,2,3-cd)pyrene	28.347	276	4946831	45.683	ng	#	96
88) Benzo(b)fluoranthene	23.735	252	4242231	46.109	ng		97
89) Benzo(k)fluoranthene	23.799	252	4216207	46.439	ng		98
90) Benzo(a)pyrene	24.593	252	3771481	45.378	ng		99
91) Dibenzo(a,h)anthracene	28.406	278	4142541	46.843	ng		99
92) Benzo(g,h,i)perylene	29.481	276	4081716	45.034	ng		96

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

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