Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060240.D
Acq On : 4 Jan 2024 11:36
Operator : MA/JU
Sample : PB158168BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 04 12:34:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158168BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	170429	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	767179	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	610194	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1559266	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1417944	20.000	ng		0.00
86) Perylene-d12	24.768	264	1508731	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	1577881	139.739	ng		0.00
7) Phenol-d6	7.106	99	2370295	141.380	ng		0.00
23) Nitrobenzene-d5	9.104	82	1330834	80.126	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	1110735	135.985	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	3332593	78.494	ng		0.00
79) Terphenyl-d14	19.944	244	4978803	67.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	164396	32.724	ng		100
3) Pyridine	3.804	79	406597	28.538	ng		96
4) n-Nitrosodimethylamine	3.722	42	204803	38.533	ng	#	93
6) Aniline	7.265	93	524916	31.249	ng		95
8) 2-Chlorophenol	7.506	128	519873	47.906	ng		98
9) Benzaldehyde	7.077	77	387410	38.434	ng		94
10) Phenol	7.130	94	824633	48.776	ng		97
11) bis(2-Chloroethyl)ether	7.359	93	552884	40.413	ng		94
12) 1,3-Dichlorobenzene	7.829	146	529197	39.504	ng		99
13) 1,4-Dichlorobenzene	7.976	146	538490	39.761	ng		93
14) 1,2-Dichlorobenzene	8.293	146	530894	40.097	ng		99
15) Benzyl Alcohol	8.176	79	526348m	50.579	ng		
16) 2,2'-oxybis(1-Chloropr...	8.464	45	735355m	41.881	ng		
17) 2-Methylphenol	8.381	107	533216	50.368	ng		99
18) Hexachloroethane	9.022	117	178689	41.893	ng		95
19) n-Nitroso-di-n-propyla...	8.740	70	496506	43.350	ng		97
20) 3+4-Methylphenols	8.710	107	733876	48.912	ng		96
22) Acetophenone	8.757	105	894256	39.342	ng	#	97
24) Nitrobenzene	9.145	77	684622	40.287	ng		99
25) Isophorone	9.662	82	1363565	39.239	ng		98
26) 2-Nitrophenol	9.856	139	282435	47.629	ng		98
27) 2,4-Dimethylphenol	9.909	122	477518	56.849	ng		97
28) bis(2-Chloroethoxy)met...	10.150	93	829456	40.754	ng		97
29) 2,4-Dichlorophenol	10.391	162	624341	47.030	ng		95
30) 1,2,4-Trichlorobenzene	10.602	180	615886	38.117	ng		98
31) Naphthalene	10.796	128	1604849	39.624	ng		98
32) Benzoic acid	10.044	122	373567	49.388	ng		94
33) 4-Chloroaniline	10.902	127	384402	24.302	ng		97
34) Hexachlorobutadiene	11.072	225	341604	35.548	ng		95
35) Caprolactam	11.666	113	223476m	50.607	ng		
36) 4-Chloro-3-methylphenol	12.024	107	659204	48.250	ng		98
37) 2-Methylnaphthalene	12.400	142	1216393	41.579	ng		98
38) 1-Methylnaphthalene	12.623	142	1190891	40.263	ng		99
40) 1,2,4,5-Tetrachloroben...	12.770	216	753864	38.569	ng		99
41) Hexachlorocyclopentadiene	12.747	237	702681	111.224	ng		99
43) 2,4,6-Trichlorophenol	13.005	196	579475	45.115	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	644326	44.843	ng		98
46) 1,1'-Biphenyl	13.411	154	1864844	41.539	ng		98
47) 2-Chloronaphthalene	13.452	162	1536058	40.160	ng		98
48) 2-Nitroaniline	13.658	65	499271	49.948	ng		98
49) Acenaphthylene	14.298	152	2500061	45.365	ng		98
50) Dimethylphthalate	14.034	163	2038107	43.261	ng		99
51) 2,6-Dinitrotoluene	14.151	165	443509	45.260	ng		96
52) Acenaphthene	14.645	154	1413757	41.110	ng		97
53) 3-Nitroaniline	14.480	138	313295	33.931	ng		97
54) 2,4-Dinitrophenol	14.686	184	548000	94.382	ng		99
55) Dibenzofuran	14.974	168	2456141	42.637	ng		99
56) 4-Nitrophenol	14.791	139	776429	111.247	ng		96
57) 2,4-Dinitrotoluene	14.938	165	632751	47.488	ng	#	99
58) Fluorene	15.626	166	2012931	42.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	583143	46.563	ng		98
60) Diethylphthalate	15.397	149	1971491	43.882	ng		98
61) 4-Chlorophenyl-phenyle...	15.614	204	993844	40.398	ng		97
62) 4-Nitroaniline	15.649	138	454692	46.723	ng		95
63) Azobenzene	15.914	77	2005100	43.048	ng		98
65) 4,6-Dinitro-2-methylph...	15.702	198	375067	48.072	ng		98
66) n-Nitrosodiphenylamine	15.831	169	1810263	43.084	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	657225	39.756	ng		96
68) Hexachlorobenzene	16.631	284	757345	39.073	ng		97
69) Atrazine	16.777	200	540336	34.990	ng		97
70) Pentachlorophenol	16.971	266	971546	91.243	ng		99
71) Phenanthrene	17.371	178	3349005	43.452	ng		100
72) Anthracene	17.459	178	3339439	43.620	ng		99
73) Carbazole	17.729	167	3127907	43.077	ng		98
74) Di-n-butylphthalate	18.287	149	3266443	46.421	ng		98
75) Fluoranthene	19.380	202	3763725	41.632	ng		99
77) Benzidine	19.568	184	1201262	30.610	ng		99
78) Pyrene	19.744	202	3910693	41.029	ng		99
80) Butylbenzylphthalate	20.632	149	1505474	53.566	ng		96
81) Benzo(a)anthracene	21.572	228	3842284	42.619	ng		99
82) 3,3'-Dichlorobenzidine	21.490	252	1323404	40.367	ng		97
83) Chrysene	21.636	228	3678352	41.997	ng		99
84) Bis(2-ethylhexyl)phtha...	21.478	149	2241791	52.598	ng		99
85) Di-n-octyl phthalate	22.676	149	3775866	54.121	ng		100
87) Indeno(1,2,3-cd)pyrene	28.399	276	4761597	44.765	ng		99
88) Benzo(b)fluoranthene	23.763	252	4049508	44.664	ng		99
89) Benzo(k)fluoranthene	23.828	252	3995615	43.785	ng		99
90) Benzo(a)pyrene	24.621	252	3628608	44.237	ng		98
91) Dibenzo(a,h)anthracene	28.458	278	3987332	45.622	ng		99
92) Benzo(g,h,i)perylene	29.527	276	3840518	43.383	ng		99

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

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