Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060417.D
Acq On : 24 Jan 2024 16:11
Operator : MA/JU
Sample : PB158598BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 24 16:55:54 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 :
PB158598BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2024
Supervised By :Sohil Jodhani 01/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	197544	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	895372	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	713504	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1943480	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1697999	20.000	ng	0.00
86) Perylene-d12	24.739	264	1713297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1526738	127.119	ng	0.00
7) Phenol-d6	7.101	99	2359343	132.663	ng	0.00
23) Nitrobenzene-d5	9.092	82	1427443	75.280	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1375171	130.997	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3587238	69.900	ng	0.00
79) Terphenyl-d14	19.933	244	5512462	80.138	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	135029	24.612	ng	100
3) Pyridine	3.793	79	340242	21.981	ng	91
4) n-Nitrosodimethylamine	3.710	42	145328	29.999	ng	93
6) Aniline	7.253	93	598792	33.685	ng	98
8) 2-Chlorophenol	7.494	128	564278	47.407	ng	95
9) Benzaldehyde	7.071	77	106262m	10.409	ng	
10) Phenol	7.124	94	873791	49.004	ng	99
11) bis(2-Chloroethyl)ether	7.347	93	545405	37.537	ng	97
12) 1,3-Dichlorobenzene	7.817	146	560242	37.499	ng	100
13) 1,4-Dichlorobenzene	7.964	146	577416	38.092	ng	98
14) 1,2-Dichlorobenzene	8.281	146	589641	37.829	ng	98
15) Benzyl Alcohol	8.170	79	567233m	49.272	ng	
16) 2,2'-oxybis(1-Chloropr...	8.458	45	741479m	42.045	ng	
17) 2-Methylphenol	8.376	107	571846	46.691	ng	98
18) Hexachloroethane	9.010	117	205340	38.635	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	512566	41.642	ng	97
20) 3+4-Methylphenols	8.699	107	787116	47.666	ng	96
22) Acetophenone	8.752	105	993824	40.379	ng	98
24) Nitrobenzene	9.139	77	724638	36.865	ng	94
25) Isophorone	9.656	82	1452379	38.141	ng	99
26) 2-Nitrophenol	9.844	139	338602	46.851	ng	98
27) 2,4-Dimethylphenol	9.903	122	591904	61.980	ng	97
28) bis(2-Chloroethoxy)met...	10.138	93	890977	38.294	ng	98
29) 2,4-Dichlorophenol	10.379	162	695403	44.935	ng	99
30) 1,2,4-Trichlorobenzene	10.596	180	709770	36.865	ng	94
31) Naphthalene	10.784	128	1790171	38.142	ng	100
32) Benzoic acid	10.056	122	417976	49.229	ng	96
33) 4-Chloroaniline	10.896	127	437651	24.201	ng	96
34) Hexachlorobutadiene	11.066	225	462696	36.892	ng	97
35) Caprolactam	11.666	113	250728m	50.302	ng	
36) 4-Chloro-3-methylphenol	12.018	107	750741	47.752	ng	98
37) 2-Methylnaphthalene	12.394	142	1374342	39.482	ng	98
38) 1-Methylnaphthalene	12.612	142	1313455	37.576	ng	97
40) 1,2,4,5-Tetrachloroben...	12.759	216	930230	36.709	ng	99
41) Hexachlorocyclopentadiene	12.735	237	813032	96.638	ng	96
43) 2,4,6-Trichlorophenol	12.999	196	677512	42.013	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	776933	43.680	ng	96
46) 1,1'-Biphenyl	13.399	154	2021523	37.534	ng	97
47) 2-Chloronaphthalene	13.446	162	1671932	36.236	ng	99
48) 2-Nitroaniline	13.652	65	521055	45.347	ng	91
49) Acenaphthylene	14.292	152	2621408	41.258	ng	99
50) Dimethylphthalate	14.022	163	2251528	41.294	ng	99
51) 2,6-Dinitrotoluene	14.145	165	512701	44.067	ng	99
52) Acenaphthene	14.633	154	1579074	39.913	ng	98
53) 3-Nitroaniline	14.474	138	382961	36.124	ng	98
54) 2,4-Dinitrophenol	14.686	184	654789	91.447	ng	95
55) Dibenzofuran	14.968	168	2705548	40.966	ng	98
56) 4-Nitrophenol	14.792	139	847582	107.788	ng	96
57) 2,4-Dinitrotoluene	14.933	165	756156	47.395	ng	92
58) Fluorene	15.614	166	2223328	40.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	746245	49.407	ng	99
60) Diethylphthalate	15.385	149	2266514	43.299	ng	100
61) 4-Chlorophenyl-phenyle...	15.608	204	1233326	40.935	ng	98
62) 4-Nitroaniline	15.643	138	519363	46.030	ng	95
63) Azobenzene	15.902	77	2092082	39.515	ng	97
65) 4,6-Dinitro-2-methylph...	15.696	198	503711	46.849	ng	93
66) n-Nitrosodiphenylamine	15.826	169	2060218	39.923	ng	100
67) 4-Bromophenyl-phenylether	16.501	248	834670	39.086	ng	97
68) Hexachlorobenzene	16.619	284	944610	37.369	ng	99
69) Atrazine	16.777	200	1156541	59.436	ng	99
70) Pentachlorophenol	16.965	266	1320860	96.941	ng	93
71) Phenanthrene	17.359	178	3736803	39.779	ng	99
72) Anthracene	17.447	178	3734640	39.820	ng	98
73) Carbazole	17.718	167	3478745	39.344	ng	99
74) Di-n-butylphthalate	18.276	149	3653683	40.161	ng	100
75) Fluoranthene	19.369	202	4210368	37.316	ng	99
77) Benzidine	19.551	184	630720	17.098	ng	98
78) Pyrene	19.733	202	4359703	40.206	ng	96
80) Butylbenzylphthalate	20.620	149	1746061	46.804	ng	93
81) Benzo(a)anthracene	21.560	228	4246808	40.400	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	1467541	36.454	ng	100
83) Chrysene	21.625	228	4054744	39.220	ng	99
84) Bis(2-ethylhexyl)phtha...	21.460	149	2466077	43.746	ng	96
85) Di-n-octyl phthalate	22.647	149	4141612	45.336	ng	100
87) Indeno(1,2,3-cd)pyrene	28.358	276	5386945	45.220	ng	100
88) Benzo(b)fluoranthene	23.740	252	4534689	44.803	ng	98
89) Benzo(k)fluoranthene	23.804	252	4579838	45.854	ng	99
90) Benzo(a)pyrene	24.598	252	4082217	44.647	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	4526425	46.526	ng	99
92) Benzo(g,h,i)perylene	29.486	276	4420730	44.336	ng	100

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

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