Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060302.D
Acq On : 10 Jan 2024 17:11
Operator : MA/JU
Sample : P1015-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 10 18:04:35 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 :
MR-301P-0-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
01/11/2024
Supervised By :mohammad ahmed
01/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	283776	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1121880	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	803175	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	2018677	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1901023	20.000	ng	0.00
86) Perylene-d12	24.751	264	2146229	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	2187601	126.795	ng	0.00
7) Phenol-d6	7.101	99	2912972	114.021	ng	0.00
23) Nitrobenzene-d5	9.093	82	1832857	77.145	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1511136	127.878	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	4494270	77.797	ng	0.00
79) Terphenyl-d14	19.939	244	5983630	76.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	263566	33.443	ng	# 90
3) Pyridine	3.811	79	659298	29.650	ng	95
4) n-Nitrosodimethylamine	3.723	42	282818	40.640	ng	97
6) Aniline	7.260	93	589077	23.068	ng	99
8) 2-Chlorophenol	7.495	128	749122	43.812	ng	97
9) Benzaldehyde	7.072	77	148305m	10.113	ng	
10) Phenol	7.125	94	1046232	40.845	ng	100
11) bis(2-Chloroethyl)ether	7.354	93	882585	42.284	ng	98
12) 1,3-Dichlorobenzene	7.818	146	824253	38.405	ng	98
13) 1,4-Dichlorobenzene	7.965	146	844326	38.774	ng	99
14) 1,2-Dichlorobenzene	8.282	146	834524	37.270	ng	98
15) Benzyl Alcohol	8.171	79	773474	46.771	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.453	45	1017557m	40.166	ng	
17) 2-Methylphenol	8.376	107	731023	41.551	ng	98
18) Hexachloroethane	9.011	117	250671	32.832	ng	96
19) n-Nitroso-di-n-propyla...	8.735	70	638878	36.132	ng	100
20) 3+4-Methylphenols	8.699	107	880769	37.130	ng	96
22) Acetophenone	8.752	105	1226240	39.763	ng	99
24) Nitrobenzene	9.134	77	890622	36.161	ng	97
25) Isophorone	9.651	82	1738450	36.436	ng	99
26) 2-Nitrophenol	9.845	139	389280	42.988	ng	95
27) 2,4-Dimethylphenol	9.904	122	651290	54.429	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	1088760	37.347	ng	99
29) 2,4-Dichlorophenol	10.380	162	875345	45.143	ng	97
30) 1,2,4-Trichlorobenzene	10.597	180	938175	38.890	ng	94
31) Naphthalene	10.785	128	2416089	41.085	ng	99
32) Benzoic acid	9.992	122	38355m	13.059	ng	
33) 4-Chloroaniline	10.897	127	127985	5.648	ng	95
34) Hexachlorobutadiene	11.067	225	557127	35.452	ng	98
35) Caprolactam	11.661	113	243416m	38.975	ng	
36) 4-Chloro-3-methylphenol	12.019	107	864444	43.883	ng	97
37) 2-Methylnaphthalene	12.395	142	1719785	39.431	ng	98
38) 1-Methylnaphthalene	12.612	142	1704077	38.909	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1190408	41.732	ng	99
41) Hexachlorocyclopentadiene	12.742	237	1024597	108.188	ng	94
43) 2,4,6-Trichlorophenol	13.000	196	795620	43.828	ng	98

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44) 2,4,5-Trichlorophenol	13.077	196	887980	44.349	ng		98
46) 1,1'-Biphenyl	13.400	154	2558395	42.199	ng		99
47) 2-Chloronaphthalene	13.447	162	2128924	40.990	ng		99
48) 2-Nitroaniline	13.652	65	624308	48.266	ng		97
49) Acenaphthylene	14.293	152	3296348	46.088	ng		99
50) Dimethylphthalate	14.023	163	2601639	42.388	ng		99
51) 2,6-Dinitrotoluene	14.146	165	580810	44.348	ng		97
52) Acenaphthene	14.634	154	1891141	42.464	ng		98
53) 3-Nitroaniline	14.475	138	219737	18.413	ng		99
54) 2,4-Dinitrophenol	14.681	184	129702	23.167	ng		91
55) Dibenzofuran	14.968	168	3203815	43.094	ng		97
56) 4-Nitrophenol	14.786	139	777276	87.812	ng		99
57) 2,4-Dinitrotoluene	14.933	165	817056	45.495	ng		96
58) Fluorene	15.621	166	2658523	43.181	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	779096	45.823	ng		99
60) Diethylphthalate	15.386	149	2505433	42.520	ng		99
61) 4-Chlorophenyl-phenyle...	15.609	204	1380828	40.714	ng		99
62) 4-Nitroaniline	15.644	138	563422	44.360	ng		99
63) Azobenzene	15.903	77	2590670	43.469	ng		99
65) 4,6-Dinitro-2-methylph...	15.691	198	181773	16.277	ng		98
66) n-Nitrosodiphenylamine	15.826	169	2348086	43.807	ng		98
67) 4-Bromophenyl-phenylether	16.508	248	921220	41.532	ng		97
68) Hexachlorobenzene	16.619	284	1057025	40.258	ng		97
69) Atrazine	16.772	200	949971	47.002	ng		97
70) Pentachlorophenol	16.966	266	731882	51.714	ng		94
71) Phenanthrene	17.360	178	4156812	42.602	ng		98
72) Anthracene	17.454	178	4187167	42.982	ng		97
73) Carbazole	17.724	167	3894590	42.406	ng		99
74) Di-n-butylphthalate	18.282	149	3932021	41.610	ng		99
75) Fluoranthene	19.375	202	4651829	39.693	ng		98
77) Benzidine	19.557	184	1762666	42.679	ng		98
78) Pyrene	19.739	202	4824367	39.740	ng		99
80) Butylbenzylphthalate	20.627	149	1954851	46.804	ng		99
81) Benzo(a)anthracene	21.561	228	4844736	41.166	ng		97
82) 3,3'-Dichlorobenzidine	21.484	252	840947	18.659	ng		97
83) Chrysene	21.631	228	4666716	40.318	ng		97
84) Bis(2-ethylhexyl)phtha...	21.467	149	2874729	45.549	ng		97
85) Di-n-octyl phthalate	22.659	149	4719183	46.142	ng		99
87) Indeno(1,2,3-cd)pyrene	28.359	276	6186999	41.460	ng	#	96
88) Benzo(b)fluoranthene	23.746	252	5420635	42.753	ng		99
89) Benzo(k)fluoranthene	23.811	252	5113622	40.871	ng		99
90) Benzo(a)pyrene	24.604	252	4891489	42.707	ng		98
91) Dibenzo(a,h)anthracene	28.423	278	5194016	42.619	ng		99
92) Benzo(g,h,i)perylene	29.499	276	5079129	40.663	ng		99

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

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