Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
Data File : BG060404.D
Acq On : 23 Jan 2024 15:09
Operator : MA/JU
Sample : IDOC-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 15:41:38 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	184277	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	783285	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	628472	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1694860	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1526731	20.000	ng	0.00
86) Perylene-d12	24.745	264	1630805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1502052	134.067	ng	0.00
7) Phenol-d6	7.101	99	2392080	144.187	ng	0.00
23) Nitrobenzene-d5	9.093	82	1407685	84.862	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1371414	148.315	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3584036	79.287	ng	0.00
79) Terphenyl-d14	19.933	244	5501810	94.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	179538	35.081	ng	99
3) Pyridine	3.793	79	485842	33.647	ng	94
4) n-Nitrosodimethylamine	3.717	42	205795	45.540	ng	99
6) Aniline	7.254	93	673117	40.592	ng	100
8) 2-Chlorophenol	7.495	128	571506	51.471	ng	95
10) Phenol	7.125	94	851892	51.215	ng	99
11) bis(2-Chloroethyl)ether	7.348	93	595438	43.930	ng	96
12) 1,3-Dichlorobenzene	7.818	146	597053	42.840	ng	96
13) 1,4-Dichlorobenzene	7.965	146	592826	41.924	ng	100
14) 1,2-Dichlorobenzene	8.282	146	614564	42.266	ng	98
15) Benzyl Alcohol	8.165	79	557707	51.932	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	729872m	44.366	ng	
17) 2-Methylphenol	8.370	107	574345	50.272	ng	99
18) Hexachloroethane	9.011	117	203028	40.950	ng	95
19) n-Nitroso-di-n-propyla...	8.729	70	505205	43.999	ng	99
20) 3+4-Methylphenols	8.699	107	787945	51.152	ng	97
22) Acetophenone	8.752	105	943336	43.813	ng	99
24) Nitrobenzene	9.134	77	704144	40.949	ng	98
25) Isophorone	9.651	82	1428676	42.887	ng	99
26) 2-Nitrophenol	9.845	139	319324	50.506	ng	95
27) 2,4-Dimethylphenol	9.904	122	604927	72.408	ng	98
28) bis(2-Chloroethoxy)met...	10.139	93	873964	42.938	ng	99
29) 2,4-Dichlorophenol	10.380	162	683234	50.467	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	701585	41.655	ng	96
31) Naphthalene	10.785	128	1767800	43.055	ng	99
32) Benzoic acid	10.057	122	380375	50.801	ng	93
33) 4-Chloroaniline	10.891	127	418529	26.455	ng	96
34) Hexachlorobutadiene	11.061	225	449497	40.968	ng	98
35) Caprolactam	11.666	113	252803m	57.976	ng	
36) 4-Chloro-3-methylphenol	12.019	107	727557	52.900	ng	98
37) 2-Methylnaphthalene	12.389	142	1359052	44.629	ng	99
38) 1-Methylnaphthalene	12.612	142	1284311	42.000	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	917192	41.092	ng	98
41) Hexachlorocyclopentadiene	12.736	237	1031971	139.258	ng	98
43) 2,4,6-Trichlorophenol	13.000	196	664469	46.779	ng	98
44) 2,4,5-Trichlorophenol	13.077	196	762173	48.647	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.400	154	2001298	42.186	ng		99
47) 2-Chloronaphthalene	13.441	162	1661685	40.887	ng		98
48) 2-Nitroaniline	13.652	65	513117	50.698	ng		94
49) Acenaphthylene	14.293	152	2584352	46.178	ng		99
50) Dimethylphthalate	14.023	163	2212569	46.070	ng		99
51) 2,6-Dinitrotoluene	14.140	165	519812	50.723	ng		95
52) Acenaphthene	14.634	154	1570081	45.055	ng		99
53) 3-Nitroaniline	14.475	138	345601	37.010	ng		98
54) 2,4-Dinitrophenol	14.681	184	653371	102.454	ng		98
55) Dibenzofuran	14.969	168	2668950	45.879	ng		98
56) 4-Nitrophenol	14.792	139	838172	121.014	ng		96
57) 2,4-Dinitrotoluene	14.933	165	750670	53.417	ng		94
58) Fluorene	15.615	166	2225067	46.187	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	714076	53.673	ng		99
60) Diethylphthalate	15.386	149	2249924	48.798	ng		98
61) 4-Chlorophenyl-phenyle...	15.609	204	1210050	45.596	ng		98
62) 4-Nitroaniline	15.644	138	520098	52.332	ng		94
63) Azobenzene	15.903	77	2111807	45.284	ng		97
65) 4,6-Dinitro-2-methylph...	15.697	198	492265	52.501	ng		97
66) n-Nitrosodiphenylamine	15.826	169	2049246	45.536	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	816628	43.850	ng		98
68) Hexachlorobenzene	16.619	284	927912	42.093	ng		98
69) Atrazine	16.772	200	679258	40.029	ng		99
70) Pentachlorophenol	16.966	266	1136621	95.656	ng		94
71) Phenanthrene	17.360	178	3722158	45.435	ng		99
72) Anthracene	17.448	178	3764135	46.022	ng		99
73) Carbazole	17.718	167	3515757	45.595	ng		98
74) Di-n-butylphthalate	18.271	149	3663255	46.173	ng		99
75) Fluoranthene	19.369	202	4193253	42.616	ng		98
77) Benzidine	19.551	184	1137415	34.292	ng		98
78) Pyrene	19.733	202	4373516	44.858	ng		97
80) Butylbenzylphthalate	20.621	149	1749813	52.166	ng		95
81) Benzo(a)anthracene	21.561	228	4275548	45.236	ng		100
82) 3,3'-Dichlorobenzidine	21.479	252	1449075	40.034	ng		99
83) Chrysene	21.625	228	4050935	43.579	ng		99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2478129	48.891	ng		96
85) Di-n-octyl phthalate	22.648	149	4193904	51.059	ng		99
87) Indeno(1,2,3-cd)pyrene	28.359	276	5470363	48.243	ng	#	94
88) Benzo(b)fluoranthene	23.741	252	4629440	48.053	ng		98
89) Benzo(k)fluoranthene	23.805	252	4615092	48.544	ng		99
90) Benzo(a)pyrene	24.593	252	4079198	46.871	ng		98
91) Dibenzo(a,h)anthracene	28.417	278	4522628	48.839	ng		98
92) Benzo(g,h,i)perylene	29.493	276	4425402	46.627	ng		100

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

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