Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
Data File : BG060321.D
Acq On : 12 Jan 2024 18:30
Operator : MA/JU
Sample : P1104-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 12 23:43:26 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	7.931	152	301426	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1036275	20.000	ng		0.00
39) Acenaphthene-d10	14.565	164	754748	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	1895619	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1775265	20.000	ng		0.00
86) Perylene-d12	24.741	264	1960057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1958937	106.893	ng		0.00
7) Phenol-d6	7.097	99	2908568	107.182	ng		0.00
23) Nitrobenzene-d5	9.095	82	2003456	91.292	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1543378	138.986	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	4504686	82.981	ng		0.00
79) Terphenyl-d14	19.935	244	5970591	84.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	228252	27.266	ng	#	69
3) Pyridine	3.813	79	537799	22.770	ng		97
4) n-Nitrosodimethylamine	3.719	42	225416	30.495	ng		96
6) Aniline	7.256	93	569106	20.981	ng		99
8) 2-Chlorophenol	7.496	128	734353	40.433	ng		95
9) Benzaldehyde	7.068	77	139420m	8.951	ng		
10) Phenol	7.126	94	1056290	38.823	ng		99
11) bis(2-Chloroethyl)ether	7.350	93	840115	37.893	ng		96
12) 1,3-Dichlorobenzene	7.820	146	804862	35.306	ng		99
13) 1,4-Dichlorobenzene	7.966	146	924776	39.982	ng		98
14) 1,2-Dichlorobenzene	8.284	146	807656	33.958	ng		99
15) Benzyl Alcohol	8.166	79	732517m	41.700	ng		
16) 2,2'-oxybis(1-Chloropr...	8.448	45	1062152m	39.472	ng		
17) 2-Methylphenol	8.372	107	802169	42.925	ng		99
18) Hexachloroethane	9.012	117	275803	34.009	ng		97
19) n-Nitroso-di-n-propyla...	8.730	70	726413	38.677	ng	#	96
20) 3+4-Methylphenols	8.701	107	1093736	43.408	ng		96
22) Acetophenone	8.754	105	1435786	50.404	ng	#	99
24) Nitrobenzene	9.136	77	977453	42.965	ng		98
25) Isophorone	9.653	82	1914458	43.439	ng		98
26) 2-Nitrophenol	9.847	139	411740	49.224	ng		95
27) 2,4-Dimethylphenol	9.899	122	641051	57.999	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	1188978	44.154	ng		100
29) 2,4-Dichlorophenol	10.381	162	879017	49.077	ng		97
30) 1,2,4-Trichlorobenzene	10.593	180	934473	41.937	ng		93
31) Naphthalene	10.781	128	2280535	41.983	ng		99
32) Benzoic acid	10.035	122	316904	35.768	ng		90
33) 4-Chloroaniline	10.898	127	102427	4.894	ng	#	93
34) Hexachlorobutadiene	11.063	225	582870	40.154	ng		97
35) Caprolactam	11.668	113	253435m	43.932	ng		
36) 4-Chloro-3-methylphenol	12.015	107	881275	48.433	ng		99
37) 2-Methylnaphthalene	12.391	142	1711622	42.485	ng		98
38) 1-Methylnaphthalene	12.608	142	1699834	42.018	ng		99
40) 1,2,4,5-Tetrachloroben...	12.761	216	1217660	45.426	ng		99
41) Hexachlorocyclopentadiene	12.737	237	1193568	134.117	ng		99
43) 2,4,6-Trichlorophenol	12.996	196	817334	47.913	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	905764	48.140	ng		96
46) 1,1'-Biphenyl	13.401	154	2577113	45.235	ng		99
47) 2-Chloronaphthalene	13.442	162	2138664	43.819	ng		99
48) 2-Nitroaniline	13.648	65	618543	50.889	ng		99
49) Acenaphthylene	14.288	152	3294470	49.018	ng		98
50) Dimethylphthalate	14.024	163	2584557	44.811	ng		100
51) 2,6-Dinitrotoluene	14.142	165	591070	48.027	ng		92
52) Acenaphthene	14.629	154	1873456	44.766	ng		99
53) 3-Nitroaniline	14.471	138	251077	22.389	ng		98
54) 2,4-Dinitrophenol	14.676	184	491053	67.331	ng		96
55) Dibenzofuran	14.964	168	3195269	45.737	ng		97
56) 4-Nitrophenol	14.788	139	831958	100.020	ng		99
57) 2,4-Dinitrotoluene	14.929	165	821676	48.688	ng		97
58) Fluorene	15.616	166	2687431	46.452	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.193	232	838499	52.481	ng		99
60) Diethylphthalate	15.387	149	2489044	44.952	ng		100
61) 4-Chlorophenyl-phenyle...	15.605	204	1422567	44.636	ng		97
62) 4-Nitroaniline	15.640	138	571949	47.921	ng		97
63) Azobenzene	15.898	77	2576857	46.011	ng		99
65) 4,6-Dinitro-2-methylph...	15.693	198	431219	41.120	ng		96
66) n-Nitrosodiphenylamine	15.822	169	2376305	47.211	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	931620	44.727	ng		98
68) Hexachlorobenzene	16.621	284	1091165	44.256	ng		99
69) Atrazine	16.768	200	951852	50.152	ng		97
70) Pentachlorophenol	16.962	266	1240752	93.361	ng		94
71) Phenanthrene	17.355	178	4095088	44.694	ng		96
72) Anthracene	17.449	178	4183935	45.737	ng		97
73) Carbazole	17.720	167	3829390	44.403	ng		99
74) Di-n-butylphthalate	18.278	149	3923509	44.215	ng		99
75) Fluoranthene	19.371	202	4643832	42.197	ng		97
77) Benzidine	19.553	184	653736	16.950	ng		98
78) Pyrene	19.735	202	4784893	42.207	ng		98
80) Butylbenzylphthalate	20.622	149	1922349	49.287	ng		97
81) Benzo(a)anthracene	21.556	228	4899874	44.584	ng		96
82) 3,3'-Dichlorobenzidine	21.480	252	1107323	26.309	ng		99
83) Chrysene	21.627	228	4699591	43.479	ng		98
84) Bis(2-ethylhexyl)phtha...	21.462	149	2815053	47.763	ng		96
85) Di-n-octyl phthalate	22.655	149	4659304	48.784	ng		100
87) Indeno(1,2,3-cd)pyrene	28.354	276	6419875	47.106	ng	#	92
88) Benzo(b)fluoranthene	23.742	252	5295739	45.735	ng		99
89) Benzo(k)fluoranthene	23.807	252	5277206	46.184	ng		100
90) Benzo(a)pyrene	24.594	252	4914716	46.985	ng		98
91) Dibenzo(a,h)anthracene	28.413	278	5178787	46.530	ng		99
92) Benzo(g,h,i)perylene	29.482	276	4949295	43.388	ng		99

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

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