Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057809.D
Acq On : 22 Jun 2023 14:27
Operator : CG/JU
Sample : 03302-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 15:12:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	30695	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	148328	20.000	ng		0.00
39) Acenaphthene-d10	14.553	164	113341	20.000	ng		0.00
64) Phenanthrene-d10	17.303	188	281022	20.000	ng		0.00
76) Chrysene-d12	21.557	240	233116	20.000	ng		0.00
86) Perylene-d12	24.700	264	297164	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	246897	124.024	ng		0.00
7) Phenol-d6	7.085	99	363518	119.675	ng		0.00
23) Nitrobenzene-d5	9.083	82	204128	70.631	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	184453	116.829	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	495974	66.372	ng		0.00
79) Terphenyl-d14	19.917	244	875732	70.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.395	88	39280	43.347	ng		92
3) Pyridine	3.789	79	102767	37.235	ng		95
4) n-Nitrosodimethylamine	3.701	42	54758	43.421	ng		94
6) Aniline	7.244	93	155229	39.912	ng		99
8) 2-Chlorophenol	7.485	128	121252	59.206	ng		96
9) Benzaldehyde	7.056	77	65280m	34.179	ng		
10) Phenol	7.109	94	180508	60.355	ng		98
11) bis(2-Chloroethyl)ether	7.344	93	114209	49.668	ng		94
12) 1,3-Dichlorobenzene	7.808	146	111482	53.490	ng		95
13) 1,4-Dichlorobenzene	7.955	146	112610	53.324	ng		98
14) 1,2-Dichlorobenzene	8.272	146	111215	54.426	ng		95
15) Benzyl Alcohol	8.160	79	124776	53.722	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.448	45	198416	44.919	ng		98
17) 2-Methylphenol	8.360	107	119943	54.527	ng		98
18) Hexachloroethane	9.007	117	40072	53.814	ng		90
19) n-Nitroso-di-n-propyla...	8.724	70	101402	47.883	ng		94
20) 3+4-Methylphenols	8.689	107	169974	55.941	ng		98
22) Acetophenone	8.742	105	197992	47.601	ng	#	97
24) Nitrobenzene	9.124	77	144046	47.890	ng		97
25) Isophorone	9.647	82	302026	45.742	ng		98
26) 2-Nitrophenol	9.835	139	63881	66.756	ng		95
27) 2,4-Dimethylphenol	9.894	122	129618	54.710	ng		98
28) bis(2-Chloroethoxy)met...	10.129	93	172487	48.509	ng		100
29) 2,4-Dichlorophenol	10.370	162	129813	57.699	ng		94
30) 1,2,4-Trichlorobenzene	10.587	180	125825	50.174	ng		98
31) Naphthalene	10.775	128	382384	48.438	ng		99
32) Benzoic acid	10.035	122	111093	63.689	ng		96
33) 4-Chloroaniline	10.881	127	83128	22.726	ng		98
34) Hexachlorobutadiene	11.057	225	75486	49.338	ng		96
35) Caprolactam	11.662	113	49437m	54.151	ng		
36) 4-Chloro-3-methylphenol	12.003	107	163648	55.695	ng		98
37) 2-Methylnaphthalene	12.385	142	274469	47.698	ng		96
38) 1-Methylnaphthalene	12.602	142	260731	48.000	ng		100
40) 1,2,4,5-Tetrachloroben...	12.749	216	152914	48.666	ng		99
41) Hexachlorocyclopentadiene	12.732	237	191278	114.664	ng		99
43) 2,4,6-Trichlorophenol	12.990	196	121448	53.980	ng		99

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44) 2,4,5-Trichlorophenol	13.061	196	136202	51.935	ng		94
46) 1,1'-Biphenyl	13.390	154	376352	48.360	ng		98
47) 2-Chloronaphthalene	13.437	162	293903	49.158	ng		98
48) 2-Nitroaniline	13.636	65	114229	53.763	ng		93
49) Acenaphthylene	14.283	152	494786	48.215	ng		98
50) Dimethylphthalate	14.012	163	410819	47.192	ng		99
51) 2,6-Dinitrotoluene	14.130	165	90722	56.594	ng		93
52) Acenaphthene	14.623	154	349987m	55.090	ng		
53) 3-Nitroaniline	14.459	138	63941	35.394	ng		93
54) 2,4-Dinitrophenol	14.665	184	110651	126.350	ng		99
55) Dibenzofuran	14.952	168	487258	47.699	ng		99
56) 4-Nitrophenol	14.770	139	168407	117.300	ng		95
57) 2,4-Dinitrotoluene	14.917	165	127021	58.431	ng		95
58) Fluorene	15.605	166	388497	48.045	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.176	232	124228	55.583	ng		99
60) Diethylphthalate	15.376	149	423737	47.446	ng		98
61) 4-Chlorophenyl-phenyle...	15.599	204	210572	48.975	ng		95
62) 4-Nitroaniline	15.628	138	97763	53.082	ng		96
63) Azobenzene	15.893	77	448536	49.098	ng		97
65) 4,6-Dinitro-2-methylph...	15.681	198	76425	57.960	ng		88
66) n-Nitrosodiphenylamine	15.810	169	352205	47.486	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	144277	48.410	ng		94
68) Hexachlorobenzene	16.603	284	159207	52.401	ng		98
69) Atrazine	16.762	200	146253	57.443	ng		98
70) Pentachlorophenol	16.950	266	214074	95.374	ng		99
71) Phenanthrene	17.344	178	647901	47.617	ng		99
72) Anthracene	17.432	178	660949	47.571	ng		99
73) Carbazole	17.702	167	631539	49.298	ng		100
74) Di-n-butylphthalate	18.266	149	749782	49.430	ng		100
75) Fluoranthene	19.353	202	772070	47.631	ng		99
77) Benzidine	19.535	184	391911	71.720	ng		99
78) Pyrene	19.717	202	792680	47.668	ng		99
80) Butylbenzylphthalate	20.605	149	330695	52.277	ng		98
81) Benzo(a)anthracene	21.533	228	787268	49.223	ng		100
82) 3,3'-Dichlorobenzidine	21.457	252	184160	33.854	ng		98
83) Chrysene	21.604	228	730052	47.563	ng		99
84) Bis(2-ethylhexyl)phtha...	21.451	149	467782	50.932	ng		99
85) Di-n-octyl phthalate	22.638	149	849644	52.742	ng		97
87) Indeno(1,2,3-cd)pyrene	28.296	276	982303	50.559	ng	#	93
88) Benzo(b)fluoranthene	23.707	252	824482	50.631	ng		99
89) Benzo(k)fluoranthene	23.772	252	811670	48.940	ng		100
90) Benzo(a)pyrene	24.559	252	744757	46.569	ng		99
91) Dibenzo(a,h)anthracene	28.366	278	816946	50.677	ng		99
92) Benzo(g,h,i)perylene	29.424	276	806179	49.945	ng		98

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

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