Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055410.D
Acq On : 2 Nov 2022 11:10
Operator : CG/JU
Sample : PB148683BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 06:07:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148683BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
11/07/2022
Supervised By :mohammad ahmed
11/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.242	152	26971	20.000	ng		0.00
21) Naphthalene-d8	11.074	136	132162	20.000	ng		0.00
39) Acenaphthene-d10	14.857	164	101752	20.000	ng		0.00
64) Phenanthrene-d10	17.595	188	237929	20.000	ng		0.00
76) Chrysene-d12	21.867	240	225246	20.000	ng		0.00
86) Perylene-d12	25.239	264	239892	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.768	112	232484	154.798	ng		0.00
7) Phenol-d6	7.390	99	316908	152.163	ng		0.00
23) Nitrobenzene-d5	9.417	82	187887	75.766	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	181220	130.569	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	514788	75.011	ng		0.00
79) Terphenyl-d14	20.163	244	941465	81.276	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.565	88	19862	29.158	ng		96
3) Pyridine	3.988	79	54712	27.064	ng		99
4) n-Nitrosodimethylamine	3.894	42	30349	38.001	ng		99
6) Aniline	7.554	93	108039	39.996	ng		99
8) 2-Chlorophenol	7.807	128	89831	49.229	ng		99
9) Benzaldehyde	7.372	77	18207	14.870	ng		97
10) Phenol	7.419	94	117983	50.050	ng		98
11) bis(2-Chloroethyl)ether	7.648	93	75706	42.926	ng		99
12) 1,3-Dichlorobenzene	8.130	146	85770	41.469	ng		99
13) 1,4-Dichlorobenzene	8.277	146	88625	42.071	ng		99
14) 1,2-Dichlorobenzene	8.600	146	86408	42.854	ng		99
15) Benzyl Alcohol	8.483	79	81406m	49.008	ng		
16) 2,2'-oxybis(1-Chloropr...	8.765	45	102038	43.486	ng		97
17) 2-Methylphenol	8.682	107	84306	49.705	ng		100
18) Hexachloroethane	9.334	117	29744	41.390	ng		98
19) n-Nitroso-di-n-propyla...	9.047	70	71082	43.678	ng		99
20) 3+4-Methylphenols	9.011	107	116825	48.476	ng		96
22) Acetophenone	9.070	105	139377	40.235	ng	#	99
24) Nitrobenzene	9.464	77	99876	38.630	ng		97
25) Isophorone	9.981	82	205103	41.763	ng		99
26) 2-Nitrophenol	10.175	139	54577	40.996	ng		100
27) 2,4-Dimethylphenol	10.228	122	95398	51.106	ng		99
28) bis(2-Chloroethoxy)met...	10.457	93	117861	45.056	ng		98
29) 2,4-Dichlorophenol	10.715	162	101668	44.649	ng		97
30) 1,2,4-Trichlorobenzene	10.933	180	94555	38.348	ng		98
31) Naphthalene	11.121	128	288141	38.723	ng		99
32) Benzoic acid	10.392	122	39759	37.652	ng		99
33) 4-Chloroaniline	11.226	127	113842	36.820	ng		98
34) Hexachlorobutadiene	11.397	225	56903	37.127	ng		98
35) Caprolactam	12.002	113	36663m	43.487	ng		
36) 4-Chloro-3-methylphenol	12.331	107	113592	45.561	ng		98
37) 2-Methylnaphthalene	12.707	142	219044	40.076	ng		97
38) 1-Methylnaphthalene	12.924	142	210146	39.419	ng		100
40) 1,2,4,5-Tetrachloroben...	13.071	216	119223	39.665	ng		98
41) Hexachlorocyclopentadiene	13.042	237	122686	85.080	ng		94
43) 2,4,6-Trichlorophenol	13.306	196	86797	41.467	ng		99

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44) 2,4,5-Trichlorophenol	13.383	196	96038	41.192	ng		97
46) 1,1'-Biphenyl	13.700	154	304934	40.727	ng		99
47) 2-Chloronaphthalene	13.747	162	236953	39.386	ng		100
48) 2-Nitroaniline	13.947	65	75106	40.644	ng		97
49) Acenaphthylene	14.587	152	391921	39.673	ng		100
50) Dimethylphthalate	14.305	163	334917	39.433	ng		99
51) 2,6-Dinitrotoluene	14.428	165	73916	41.570	ng		99
52) Acenaphthene	14.922	154	229338	39.007	ng		100
53) 3-Nitroaniline	14.763	138	68007	34.030	ng		98
54) 2,4-Dinitrophenol	14.975	184	83836	78.136	ng		96
55) Dibenzofuran	15.257	168	387777	39.847	ng		99
56) 4-Nitrophenol	15.069	139	119748	87.390	ng		98
57) 2,4-Dinitrotoluene	15.216	165	104593	41.139	ng		98
58) Fluorene	15.897	166	310346	39.256	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.480	232	85763	40.910	ng		97
60) Diethylphthalate	15.651	149	347642	39.386	ng		99
61) 4-Chlorophenyl-phenyle...	15.880	204	167342	40.943	ng		98
62) 4-Nitroaniline	15.921	138	81231	38.419	ng		98
63) Azobenzene	16.174	77	289461	39.452	ng		99
65) 4,6-Dinitro-2-methylph...	15.980	198	60423	39.425	ng		99
66) n-Nitrosodiphenylamine	16.097	169	286359	40.482	ng		100
67) 4-Bromophenyl-phenylether	16.773	248	113602	40.391	ng		98
68) Hexachlorobenzene	16.902	284	130700	40.750	ng		95
69) Atrazine	17.031	200	105978	44.625	ng		99
70) Pentachlorophenol	17.243	266	124319	75.059	ng		98
71) Phenanthrene	17.636	178	522591	39.048	ng		99
72) Anthracene	17.725	178	527825	40.237	ng		99
73) Carbazole	17.995	167	496875	40.712	ng		100
74) Di-n-butylphthalate	18.518	149	605065	39.695	ng		99
75) Fluoranthene	19.628	202	620107	38.521	ng		99
77) Benzidine	19.793	184	308684	65.825	ng		99
78) Pyrene	19.987	202	621858	39.135	ng		99
80) Butylbenzylphthalate	20.839	149	268333	40.504	ng		100
81) Benzo(a)anthracene	21.843	228	610919	39.510	ng		99
82) 3,3'-Dichlorobenzidine	21.749	252	226020	42.627	ng		98
83) Chrysene	21.914	228	574480	38.944	ng		100
84) Bis(2-ethylhexyl)phtha...	21.708	149	395381	41.057	ng		100
85) Di-n-octyl phthalate	22.960	149	666296	40.381	ng		100
87) Indeno(1,2,3-cd)pyrene	29.135	276	766194	39.780	ng	#	94
88) Benzo(b)fluoranthene	24.164	252	670259	43.986	ng		99
89) Benzo(k)fluoranthene	24.235	252	643210	42.004	ng		99
90) Benzo(a)pyrene	25.081	252	590227	44.796	ng		99
91) Dibenzo(a,h)anthracene	29.194	278	674585	42.452	ng		98
92) Benzo(g,h,i)perylene	30.363	276	662481	41.918	ng		98

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

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