Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055154.D
Acq On : 13 Oct 2022 2:05
Operator : CG/JU
Sample : PB148287BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 13 05:40:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148287BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
10/13/2022
Supervised By :Jagrut Upadhyay
10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.301	152	26880	20.000	ng		0.00
21) Naphthalene-d8	11.133	136	137631	20.000	ng		0.00
39) Acenaphthene-d10	14.911	164	116896	20.000	ng		0.00
64) Phenanthrene-d10	17.643	188	300236	20.000	ng		0.00
76) Chrysene-d12	21.926	240	283112	20.000	ng		0.00
86) Perylene-d12	25.340	264	296740	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	238366	173.496	ng		0.00
7) Phenol-d6	7.437	99	331530	163.125	ng		0.00
23) Nitrobenzene-d5	9.476	82	210629	82.066	ng		0.00
42) 2,4,6-Tribromophenol	16.386	330	227586	135.495	ng		0.00
45) 2-Fluorobiphenyl	13.542	172	566597	79.179	ng		0.00
79) Terphenyl-d14	20.216	244	1201438	85.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.636	88	18756	32.262	ng		91
3) Pyridine	4.053	79	56872	31.023	ng		97
4) n-Nitrosodimethylamine	3.959	42	40073	41.194	ng		93
6) Aniline	7.614	93	128352	49.182	ng		98
8) 2-Chlorophenol	7.854	128	86544	51.656	ng		96
9) Benzaldehyde	7.426	77	53924	39.452	ng		98
10) Phenol	7.461	94	118103	52.305	ng		98
11) bis(2-Chloroethyl)ether	7.702	93	75470	47.256	ng		98
12) 1,3-Dichlorobenzene	8.189	146	84734	43.515	ng		99
13) 1,4-Dichlorobenzene	8.336	146	87613	44.564	ng		99
14) 1,2-Dichlorobenzene	8.659	146	85498	45.412	ng		96
15) Benzyl Alcohol	8.530	79	92294	50.796	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.824	45	124831	46.757	ng		96
17) 2-Methylphenol	8.730	107	84091	51.763	ng		98
18) Hexachloroethane	9.400	117	29273	43.923	ng		99
19) n-Nitroso-di-n-propyla...	9.106	70	75773	46.197	ng		98
20) 3+4-Methylphenols	9.059	107	116456	49.962	ng		94
22) Acetophenone	9.124	105	143582	42.134	ng	#	98
24) Nitrobenzene	9.517	77	108655	40.920	ng		97
25) Isophorone	10.040	82	217628	43.663	ng		99
26) 2-Nitrophenol	10.234	139	54773	43.537	ng		95
27) 2,4-Dimethylphenol	10.275	122	99099	51.795	ng		99
28) bis(2-Chloroethoxy)met...	10.516	93	113757	46.052	ng		99
29) 2,4-Dichlorophenol	10.763	162	103256	45.155	ng		99
30) 1,2,4-Trichlorobenzene	10.992	180	96507	39.125	ng		99
31) Naphthalene	11.186	128	289803	40.038	ng		99
32) Benzoic acid	10.399	122	68262	41.963	ng		95
33) 4-Chloroaniline	11.280	127	110097	35.387	ng		96
34) Hexachlorobutadiene	11.462	225	59649	37.925	ng		98
35) Caprolactam	12.050	113	42657m	45.409	ng		
36) 4-Chloro-3-methylphenol	12.373	107	121482	47.110	ng		99
37) 2-Methylnaphthalene	12.766	142	224462	41.412	ng		100
38) 1-Methylnaphthalene	12.978	142	217480	41.125	ng		99
40) 1,2,4,5-Tetrachloroben...	13.125	216	128930	39.105	ng		99
41) Hexachlorocyclopentadiene	13.101	237	163813	99.435	ng		99
43) 2,4,6-Trichlorophenol	13.354	196	98092	40.933	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.424	196	111857	42.065	ng	99
46) 1,1'-Biphenyl	13.753	154	319642	41.186	ng	99
47) 2-Chloronaphthalene	13.800	162	247563	39.435	ng	99
48) 2-Nitroaniline	13.988	65	92532	41.315	ng	96
49) Acenaphthylene	14.641	152	419996	39.853	ng	99
50) Dimethylphthalate	14.353	163	375825	39.996	ng	99
51) 2,6-Dinitrotoluene	14.476	165	81531	42.164	ng	99
52) Acenaphthene	14.976	154	311984	45.763	ng	100
53) 3-Nitroaniline	14.805	138	76975	34.335	ng	94
54) 2,4-Dinitrophenol	15.005	184	108921	92.598	ng	92
55) Dibenzofuran	15.305	168	425592	40.012	ng	99
56) 4-Nitrophenol	15.093	139	151510	86.787	ng	95
57) 2,4-Dinitrotoluene	15.258	165	119526	42.203	ng	99
58) Fluorene	15.951	166	345645	39.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.522	232	107260	40.875	ng	100
60) Diethylphthalate	15.704	149	393701	39.778	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	191820	41.019	ng	98
62) 4-Nitroaniline	15.963	138	92568	38.245	ng	97
63) Azobenzene	16.227	77	341353	40.625	ng	98
65) 4,6-Dinitro-2-methylph...	16.015	198	72993	41.362	ng	95
66) n-Nitrosodiphenylamine	16.145	169	327265	41.318	ng	100
67) 4-Bromophenyl-phenylether	16.826	248	135244	41.322	ng	97
68) Hexachlorobenzene	16.950	284	151295	40.219	ng	98
69) Atrazine	17.079	200	142994	45.793	ng	99
70) Pentachlorophenol	17.285	266	189324	84.470	ng	96
71) Phenanthrene	17.684	178	617549	39.655	ng	99
72) Anthracene	17.778	178	629119	41.338	ng	100
73) Carbazole	18.037	167	584867	41.274	ng	99
74) Di-n-butylphthalate	18.577	149	690974	39.610	ng	100
75) Fluoranthene	19.670	202	763915	39.242	ng	98
77) Benzidine	19.840	184	478417	75.355	ng	99
78) Pyrene	20.034	202	763357	40.447	ng	99
80) Butylbenzylphthalate	20.898	149	301762	41.651	ng	99
81) Benzo(a)anthracene	21.903	228	729129	40.252	ng	100
82) 3,3'-Dichlorobenzidine	21.809	252	245890	39.554	ng	99
83) Chrysene	21.973	228	677625	39.656	ng	100
84) Bis(2-ethylhexyl)phtha...	21.785	149	427764	41.449	ng	99
85) Di-n-octyl phthalate	23.060	149	720468	41.874	ng	99
87) Indeno(1,2,3-cd)pyrene	29.271	276	890469	40.511	ng	97
88) Benzo(b)fluoranthene	24.247	252	796838	45.054	ng	100
89) Benzo(k)fluoranthene	24.323	252	741691	41.740	ng	99
90) Benzo(a)pyrene	25.181	252	688787	45.543	ng	99
91) Dibenzo(a,h)anthracene	29.347	278	775707	42.646	ng	100
92) Benzo(g,h,i)perylene	30.516	276	763372	42.843	ng	98

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

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