Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
Data File : BG057165.D
Acq On : 25 Apr 2023 00:12
Operator : CG/JU
Sample : PB152297BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 05:20:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152297BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.387	152	18557	20.000	ng		0.00
21) Naphthalene-d8	11.225	136	80384	20.000	ng		0.00
39) Acenaphthene-d10	15.002	164	60652	20.000	ng		0.00
64) Phenanthrene-d10	17.740	188	149110	20.000	ng		0.00
76) Chrysene-d12	22.057	240	132799	20.000	ng		0.00
86) Perylene-d12	25.576	264	141916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.903	112	179257	175.052	ng		0.00
7) Phenol-d6	7.524	99	253079	170.813	ng		0.00
23) Nitrobenzene-d5	9.568	82	159789	98.271	ng		0.00
42) 2,4,6-Tribromophenol	16.482	330	108015	134.976	ng		0.00
45) 2-Fluorobiphenyl	13.627	172	387783	85.924	ng		0.00
79) Terphenyl-d14	20.313	244	745129	98.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.700	88	19691	42.912	ng		92
3) Pyridine	4.123	79	55202m	39.649	ng		
4) n-Nitrosodimethylamine	4.029	42	30940	61.606	ng		86
6) Aniline	7.700	93	78663	40.655	ng		95
8) 2-Chlorophenol	7.947	128	61081	56.939	ng		98
9) Benzaldehyde	7.506	77	44653	50.317	ng		89
10) Phenol	7.553	94	87653	59.581	ng		96
11) bis(2-Chloroethyl)ether	7.782	93	58776	50.912	ng		92
12) 1,3-Dichlorobenzene	8.276	146	61478	48.378	ng		96
13) 1,4-Dichlorobenzene	8.423	146	63962	49.943	ng		97
14) 1,2-Dichlorobenzene	8.746	146	62020	50.156	ng		97
15) Benzyl Alcohol	8.617	79	65284	59.798	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.910	45	80239	52.247	ng		95
17) 2-Methylphenol	8.822	107	58224	54.084	ng		96
18) Hexachloroethane	9.486	117	22666	52.169	ng		94
19) n-Nitroso-di-n-propyla...	9.192	70	55376	60.090	ng		91
20) 3+4-Methylphenols	9.145	107	79739	54.123	ng		96
22) Acetophenone	9.216	105	102055	46.801	ng		95
24) Nitrobenzene	9.609	77	82118	50.301	ng		97
25) Isophorone	10.126	82	152097	48.767	ng		99
26) 2-Nitrophenol	10.326	139	30448	49.922	ng	#	83
27) 2,4-Dimethylphenol	10.367	122	61895	52.801	ng		97
28) bis(2-Chloroethoxy)met...	10.602	93	80916	49.492	ng		100
29) 2,4-Dichlorophenol	10.861	162	64158	49.131	ng		95
30) 1,2,4-Trichlorobenzene	11.084	180	68839	43.109	ng		93
31) Naphthalene	11.278	128	189494	44.383	ng		99
32) Benzoic acid	10.514	122	26972	48.913	ng		96
33) 4-Chloroaniline	11.378	127	46307	24.668	ng		98
34) Hexachlorobutadiene	11.548	225	48514	41.202	ng		98
35) Caprolactam	12.135	113	19434m	53.746	ng		
36) 4-Chloro-3-methylphenol	12.470	107	72281	51.453	ng		95
37) 2-Methylnaphthalene	12.852	142	141311	42.059	ng		97
38) 1-Methylnaphthalene	13.069	142	133862	43.154	ng		98
40) 1,2,4,5-Tetrachloroben...	13.216	216	94238	42.463	ng	#	99
41) Hexachlorocyclopentadiene	13.187	237	100298	104.153	ng		96
43) 2,4,6-Trichlorophenol	13.445	196	58573	48.750	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	64067	44.168	ng	97
46) 1,1'-Biphenyl	13.839	154	203724	45.063	ng	97
47) 2-Chloronaphthalene	13.892	162	153274	44.920	ng	98
48) 2-Nitroaniline	14.086	65	45191	52.520	ng	91
49) Acenaphthylene	14.726	152	242360	44.744	ng	99
50) Dimethylphthalate	14.438	163	204532	48.050	ng	99
51) 2,6-Dinitrotoluene	14.567	165	44466	50.045	ng	97
52) Acenaphthene	15.067	154	180832m	51.097	ng	
53) 3-Nitroaniline	14.896	138	27053	30.662	ng	97
54) 2,4-Dinitrophenol	15.108	184	47424	93.020	ng	89
55) Dibenzofuran	15.396	168	247891	43.231	ng	98
56) 4-Nitrophenol	15.196	139	68465	110.244	ng	88
57) 2,4-Dinitrotoluene	15.349	165	63079	52.130	ng	94
58) Fluorene	16.042	166	205991	44.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.619	232	59975	48.270	ng	99
60) Diethylphthalate	15.783	149	203534	49.604	ng	99
61) 4-Chlorophenyl-phenyle...	16.018	204	120340	43.430	ng	98
62) 4-Nitroaniline	16.059	138	42654	48.010	ng	90
63) Azobenzene	16.312	77	219222	50.224	ng	95
65) 4,6-Dinitro-2-methylph...	16.112	198	38295	49.332	ng	93
66) n-Nitrosodiphenylamine	16.236	169	178928	45.989	ng	98
67) 4-Bromophenyl-phenylether	16.917	248	77780	43.376	ng	98
68) Hexachlorobenzene	17.046	284	81676	44.407	ng	98
69) Atrazine	17.170	200	74666	60.084	ng	98
70) Pentachlorophenol	17.387	266	82476	95.419	ng	99
71) Phenanthrene	17.787	178	348254	45.749	ng	100
72) Anthracene	17.875	178	352790	45.835	ng	99
73) Carbazole	18.139	167	311790	47.990	ng	100
74) Di-n-butylphthalate	18.656	149	311093	51.476	ng	99
75) Fluoranthene	19.772	202	434233	45.916	ng	99
77) Benzidine	19.937	184	144128	72.024	ng	99
78) Pyrene	20.130	202	434179	48.155	ng	98
80) Butylbenzylphthalate	20.988	149	119689	50.765	ng	94
81) Benzo(a)anthracene	22.034	228	434079	47.541	ng	99
82) 3,3'-Dichlorobenzidine	21.928	252	91240	38.180	ng	100
83) Chrysene	22.104	228	397724	45.169	ng	99
84) Bis(2-ethylhexyl)phtha...	21.881	149	178782	48.047	ng	98
85) Di-n-octyl phthalate	23.185	149	307510	51.630	ng	98
87) Indeno(1,2,3-cd)pyrene	29.653	276	484073	47.618	ng	98
88) Benzo(b)fluoranthene	24.448	252	437565	49.187	ng	98
89) Benzo(k)fluoranthene	24.524	252	443161	48.160	ng	98
90) Benzo(a)pyrene	25.411	252	387425	44.216	ng	98
91) Dibenzo(a,h)anthracene	29.712	278	401807	47.603	ng	95
92) Benzo(g,h,i)perylene	30.928	276	389876	46.684	ng	96

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

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