Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055337.D
Acq On : 28 Oct 2022 11:44
Operator : CG/JU
Sample : PB148486BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 04:28:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148486BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	27215	20.000	ng	-0.01
21) Naphthalene-d8	11.096	136	119386	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	82449	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	196456	20.000	ng	0.00
76) Chrysene-d12	21.889	240	194811	20.000	ng	-0.01
86) Perylene-d12	25.285	264	208891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	240838	154.952	ng	0.00
7) Phenol-d6	7.412	99	318899	141.620	ng	0.00
23) Nitrobenzene-d5	9.439	82	194193	83.059	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	150047	167.409	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	460694	91.456	ng	-0.01
79) Terphenyl-d14	20.185	244	895838	95.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	25836	34.426	ng	97
3) Pyridine	4.016	79	72632	32.138	ng	93
4) n-Nitrosodimethylamine	3.922	42	37789	37.636	ng	95
6) Aniline	7.576	93	119620	40.579	ng	100
8) 2-Chlorophenol	7.829	128	88776	49.129	ng	96
9) Benzaldehyde	7.394	77	43175	28.082	ng	98
10) Phenol	7.441	94	117394	46.543	ng	100
11) bis(2-Chloroethyl)ether	7.670	93	81825	42.976	ng	97
12) 1,3-Dichlorobenzene	8.152	146	92643	46.989	ng	98
13) 1,4-Dichlorobenzene	8.299	146	94306	46.830	ng	98
14) 1,2-Dichlorobenzene	8.622	146	92691	47.806	ng	95
15) Benzyl Alcohol	8.499	79	82080m	43.558	ng	
16) 2,2'-oxybis(1-Chloropr...	8.787	45	122228	39.227	ng	96
17) 2-Methylphenol	8.704	107	82361	46.172	ng	98
18) Hexachloroethane	9.363	117	32702	45.604	ng	88
19) n-Nitroso-di-n-propyla...	9.069	70	73189	39.140	ng	96
20) 3+4-Methylphenols	9.033	107	112782	44.144	ng	98
22) Acetophenone	9.092	105	137193	44.949	ng	97
24) Nitrobenzene	9.486	77	101903	41.859	ng	96
25) Isophorone	10.003	82	200793	42.519	ng	97
26) 2-Nitrophenol	10.203	139	51967	48.746	ng	94
27) 2,4-Dimethylphenol	10.250	122	90014m	54.085	ng	
28) bis(2-Chloroethoxy)met...	10.479	93	116931	49.041	ng	97
29) 2,4-Dichlorophenol	10.743	162	91134	51.043	ng	98
30) 1,2,4-Trichlorobenzene	10.955	180	89051	48.869	ng	99
31) Naphthalene	11.149	128	277957	43.643	ng	100
32) Benzoic acid	10.402	122	43907	36.050	ng	95
33) 4-Chloroaniline	11.249	127	96883	35.582	ng	99
34) Hexachlorobutadiene	11.419	225	54279	52.133	ng	97
35) Caprolactam	12.018	113	35286m	42.583	ng	
36) 4-Chloro-3-methylphenol	12.353	107	103515	46.076	ng	98
37) 2-Methylnaphthalene	12.729	142	200401	43.643	ng	99
38) 1-Methylnaphthalene	12.947	142	192724	42.543	ng	98
40) 1,2,4,5-Tetrachloroben...	13.093	216	101662	51.123	ng	99
41) Hexachlorocyclopentadiene	13.064	237	114425	118.748	ng	95
43) 2,4,6-Trichlorophenol	13.328	196	72533	49.385	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	79837	49.145	ng		96
46) 1,1'-Biphenyl	13.722	154	271907	48.083	ng		98
47) 2-Chloronaphthalene	13.769	162	209758	47.039	ng		98
48) 2-Nitroaniline	13.963	65	72713	41.696	ng		97
49) Acenaphthylene	14.609	152	344723	44.782	ng		99
50) Dimethylphthalate	14.321	163	291792	45.075	ng		100
51) 2,6-Dinitrotoluene	14.451	165	62738	47.628	ng		89
52) Acenaphthene	14.944	154	242050m	49.330	ng		
53) 3-Nitroaniline	14.780	138	60461	36.519	ng		100
54) 2,4-Dinitrophenol	14.991	184	74264	95.450	ng		92
55) Dibenzofuran	15.273	168	333271	45.273	ng		98
56) 4-Nitrophenol	15.085	139	116099	98.043	ng		96
57) 2,4-Dinitrotoluene	15.232	165	93060	48.683	ng		93
58) Fluorene	15.920	166	270374	44.142	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.496	232	69853	48.232	ng		95
60) Diethylphthalate	15.667	149	313951	45.592	ng		98
61) 4-Chlorophenyl-phenyle...	15.902	204	137031	48.684	ng		97
62) 4-Nitroaniline	15.937	138	78472	45.103	ng		99
63) Azobenzene	16.196	77	277355	41.344	ng		97
65) 4,6-Dinitro-2-methylph...	15.996	198	54020	50.019	ng		91
66) n-Nitrosodiphenylamine	16.113	169	251359	45.968	ng		99
67) 4-Bromophenyl-phenylether	16.795	248	93288	48.876	ng		96
68) Hexachlorobenzene	16.924	284	106800	49.489	ng		94
69) Atrazine	17.048	200	111555	59.996	ng		99
70) Pentachlorophenol	17.265	266	109380	89.408	ng		100
71) Phenanthrene	17.659	178	473883	45.230	ng		100
72) Anthracene	17.747	178	483393	47.195	ng		100
73) Carbazole	18.011	167	478723	48.594	ng		99
74) Di-n-butylphthalate	18.540	149	614739	49.919	ng		100
75) Fluoranthene	19.645	202	588540	48.208	ng		98
77) Benzidine	19.815	184	354078	75.065	ng		99
78) Pyrene	20.003	202	599056	44.863	ng		99
80) Butylbenzylphthalate	20.861	149	267552	42.402	ng		91
81) Benzo(a)anthracene	21.871	228	572120	43.734	ng		99
82) 3,3'-Dichlorobenzidine	21.771	252	171744	40.310	ng		99
83) Chrysene	21.942	228	537116	43.224	ng		99
84) Bis(2-ethylhexyl)phtha...	21.730	149	385715	42.791	ng		99
85) Di-n-octyl phthalate	22.994	149	652711	43.465	ng		96
87) Indeno(1,2,3-cd)pyrene	29.204	276	719219	46.617	ng	#	84
88) Benzo(b)fluoranthene	24.204	252	601865m	47.899	ng		
89) Benzo(k)fluoranthene	24.269	252	599982	47.288	ng		98
90) Benzo(a)pyrene	25.126	252	538760	50.000	ng		98
91) Dibenzo(a,h)anthracene	29.257	278	627793	49.584	ng		97
92) Benzo(g,h,i)perylene	30.438	276	617051	49.135	ng		97

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

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