Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
Data File : BG057136.D
Acq On : 18 Apr 2023 23:55
Operator : CG/JU
Sample : PB152179BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 19 05:00:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 04:21:14 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152179BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.395	152	10229	20.000	ng		0.00
21) Naphthalene-d8	11.238	136	58831	20.000	ng	#	0.00
39) Acenaphthene-d10	15.010	164	31432	20.000	ng		0.00
64) Phenanthrene-d10	17.747	188	80023	20.000	ng		0.00
76) Chrysene-d12	22.065	240	85502	20.000	ng		0.00
86) Perylene-d12	25.590	264	94146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.904	112	98532	164.055	ng		0.00
7) Phenol-d6	7.532	99	115623	130.230	ng		0.00
23) Nitrobenzene-d5	9.576	82	122885	91.988	ng		0.00
42) 2,4,6-Tribromophenol	16.490	330	68606	128.656	ng		0.00
45) 2-Fluorobiphenyl	13.635	172	273822	114.773	ng		0.00
79) Terphenyl-d14	20.314	244	527675	93.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.707	88	12440	34.013	ng	#	93
3) Pyridine	4.130	79	20854	27.707	ng		96
4) n-Nitrosodimethylamine	4.036	42	15571	41.348	ng	#	88
6) Aniline	7.708	93	40492	36.288	ng		94
8) 2-Chlorophenol	7.955	128	30841	50.755	ng		99
9) Benzaldehyde	7.514	77	18573	35.148	ng		90
10) Phenol	7.561	94	39595	46.015	ng		93
11) bis(2-Chloroethyl)ether	7.790	93	27062	45.474	ng		97
12) 1,3-Dichlorobenzene	8.284	146	31411	44.709	ng		97
13) 1,4-Dichlorobenzene	8.430	146	33439	46.206	ng		96
14) 1,2-Dichlorobenzene	8.754	146	41492	56.329	ng		94
15) Benzyl Alcohol	8.624	79	36875	47.663	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.906	45	56201	63.213	ng		91
17) 2-Methylphenol	8.830	107	44298	58.665	ng		96
18) Hexachloroethane	9.494	117	16833	56.623	ng		93
19) n-Nitroso-di-n-propyla...	9.200	70	41215	51.732	ng		97
20) 3+4-Methylphenols	9.153	107	60163	55.678	ng		94
22) Acetophenone	9.223	105	75333	46.480	ng	#	99
24) Nitrobenzene	9.617	77	60138	45.168	ng		98
25) Isophorone	10.134	82	108248	43.059	ng		98
26) 2-Nitrophenol	10.334	139	26419	47.552	ng		98
27) 2,4-Dimethylphenol	10.375	122	46332	49.823	ng		97
28) bis(2-Chloroethoxy)met...	10.610	93	59547	46.132	ng		95
29) 2,4-Dichlorophenol	10.874	162	46898	47.722	ng		99
30) 1,2,4-Trichlorobenzene	11.092	180	49507	45.189	ng		98
31) Naphthalene	11.291	128	136300	43.554	ng		98
32) Benzoic acid	10.510	122	24869m	55.391	ng		
33) 4-Chloroaniline	11.385	127	50371	35.492	ng		96
34) Hexachlorobutadiene	11.556	225	33698	42.285	ng		99
35) Caprolactam	12.143	113	15969m	47.497	ng		
36) 4-Chloro-3-methylphenol	12.478	107	51085	45.145	ng		97
37) 2-Methylnaphthalene	12.866	142	103124	43.262	ng		98
38) 1-Methylnaphthalene	13.077	142	96601	42.440	ng		99
40) 1,2,4,5-Tetrachloroben...	13.224	216	65345	61.765	ng		97
41) Hexachlorocyclopentadiene	13.200	237	80283	164.582	ng		88
43) 2,4,6-Trichlorophenol	13.453	196	40778	58.514	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.529	196	45487	55.869	ng		96
46) 1,1'-Biphenyl	13.847	154	98363	40.013	ng		96
47) 2-Chloronaphthalene	13.899	162	81428	46.086	ng		98
48) 2-Nitroaniline	14.093	65	22601	37.869	ng		95
49) Acenaphthylene	14.740	152	123319	43.276	ng		98
50) Dimethylphthalate	14.446	163	112459	44.249	ng		99
51) 2,6-Dinitrotoluene	14.575	165	22073	40.915	ng		98
52) Acenaphthene	15.074	154	75723	41.797	ng		96
53) 3-Nitroaniline	14.904	138	18752	33.855	ng		86
54) 2,4-Dinitrophenol	15.115	184	33000	109.255	ng		99
55) Dibenzofuran	15.403	168	136029	46.686	ng		97
56) 4-Nitrophenol	15.204	139	38058	103.180	ng		86
57) 2,4-Dinitrotoluene	15.362	165	36530	48.035	ng		97
58) Fluorene	16.049	166	114686	45.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.627	232	35953	53.343	ng	#	93
60) Diethylphthalate	15.791	149	131032	50.706	ng		99
61) 4-Chlorophenyl-phenyle...	16.032	204	69023	47.055	ng		94
62) 4-Nitroaniline	16.067	138	25510	44.681	ng	#	85
63) Azobenzene	16.320	77	85455	34.660	ng		89
65) 4,6-Dinitro-2-methylph...	16.120	198	26738	49.328	ng		92
66) n-Nitrosodiphenylamine	16.243	169	81952	34.483	ng		99
67) 4-Bromophenyl-phenylether	16.919	248	39241	38.710	ng		95
68) Hexachlorobenzene	17.054	284	45161	41.762	ng		97
69) Atrazine	17.172	200	40699	45.571	ng		98
70) Pentachlorophenol	17.395	266	51892	90.640	ng		96
71) Phenanthrene	17.788	178	173354	41.771	ng		98
72) Anthracene	17.882	178	186830	43.588	ng		98
73) Carbazole	18.147	167	149451	41.658	ng		97
74) Di-n-butylphthalate	18.664	149	253250	60.241	ng		99
75) Fluoranthene	19.780	202	282992	58.079	ng		98
77) Benzidine	19.944	184	135215	57.606	ng		98
78) Pyrene	20.138	202	285028	44.527	ng		98
80) Butylbenzylphthalate	20.996	149	106183	45.138	ng		99
81) Benzo(a)anthracene	22.041	228	272701	44.626	ng		99
82) 3,3'-Dichlorobenzidine	21.936	252	74753	36.032	ng		99
83) Chrysene	22.118	228	252996	44.822	ng		99
84) Bis(2-ethylhexyl)phtha...	21.889	149	150370	46.594	ng		99
85) Di-n-octyl phthalate	23.199	149	250562	46.018	ng		100
87) Indeno(1,2,3-cd)pyrene	29.678	276	316090	45.078	ng		98
88) Benzo(b)fluoranthene	24.462	252	279434	46.412	ng		99
89) Benzo(k)fluoranthene	24.538	252	277876	45.617	ng		96
90) Benzo(a)pyrene	25.425	252	245579	42.250	ng		98
91) Dibenzo(a,h)anthracene	29.737	278	265762	45.163	ng		99
92) Benzo(g,h,i)perylene	30.953	276	252088	44.876	ng		98

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

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