Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059965.D
Acq On : 6 Dec 2023 11:51
Operator : MA/JU
Sample : PB157546BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 12:38:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157546BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/07/2023
Supervised By :mohammad ahmed
12/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	106724	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	404210	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	414055	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	1504091	20.000	ng	0.00
76) Chrysene-d12	21.624	240	2084592	20.000	ng	0.00
86) Perylene-d12	24.815	264	2169235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	741659	139.628	ng	0.01
7) Phenol-d6	7.118	99	1060868	126.718	ng	0.00
23) Nitrobenzene-d5	9.121	82	729260	64.493	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	1610573	120.897	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2654454	69.922	ng	0.00
79) Terphenyl-d14	19.973	244	6386354	52.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	57934	32.259	ng	# 95
3) Pyridine	3.822	79	161346	30.105	ng	91
4) n-Nitrosodimethylamine	3.740	42	108338	38.452	ng	# 88
6) Aniline	7.282	93	271857	29.422	ng	97
8) 2-Chlorophenol	7.523	128	244314	47.154	ng	95
9) Benzaldehyde	7.094	77	21181m	3.406	ng	
10) Phenol	7.141	94	371257	44.335	ng	94
11) bis(2-Chloroethyl)ether	7.376	93	213441	36.626	ng	92
12) 1,3-Dichlorobenzene	7.852	146	298605	40.045	ng	92
13) 1,4-Dichlorobenzene	7.999	146	302917m	39.242	ng	
14) 1,2-Dichlorobenzene	8.311	146	294143	38.869	ng	97
15) Benzyl Alcohol	8.193	79	348068	42.072	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.493	45	122177m	39.920	ng	
17) 2-Methylphenol	8.399	107	247315	43.828	ng	95
18) Hexachloroethane	9.045	117	106247	35.474	ng	94
19) n-Nitroso-di-n-propyla...	8.763	70	225875	36.002	ng	# 92
20) 3+4-Methylphenols	8.722	107	354201	44.235	ng	95
22) Acetophenone	8.781	105	477737	36.986	ng	# 93
24) Nitrobenzene	9.163	77	386541	34.163	ng	# 91
25) Isophorone	9.686	82	673321	34.634	ng	# 93
26) 2-Nitrophenol	9.874	139	150606	41.856	ng	96
27) 2,4-Dimethylphenol	9.932	122	263349	53.320	ng	90
28) bis(2-Chloroethoxy)met...	10.173	93	322901	35.352	ng	# 90
29) 2,4-Dichlorophenol	10.408	162	412127	41.908	ng	87
30) 1,2,4-Trichlorobenzene	10.626	180	514310	35.865	ng	96
31) Naphthalene	10.820	128	831202	40.004	ng	99
32) Benzoic acid	10.062	122	210972	44.795	ng	93
33) 4-Chloroaniline	10.919	127	204508	25.238	ng	96
34) Hexachlorobutadiene	11.102	225	516193	32.105	ng	94
35) Caprolactam	11.689	113	90339m	43.678	ng	
36) 4-Chloro-3-methylphenol	12.036	107	361703	44.664	ng	93
37) 2-Methylnaphthalene	12.424	142	683061	38.731	ng	97
38) 1-Methylnaphthalene	12.641	142	676315	39.268	ng	92
40) 1,2,4,5-Tetrachloroben...	12.788	216	1034648	35.003	ng	99
41) Hexachlorocyclopentadiene	12.770	237	1167533	77.952	ng	91
43) 2,4,6-Trichlorophenol	13.029	196	591131	39.055	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	664631	39.932	ng		94
46) 1,1'-Biphenyl	13.434	154	1175296	38.841	ng		99
47) 2-Chloronaphthalene	13.475	162	1015043	37.493	ng		98
48) 2-Nitroaniline	13.675	65	222734	43.404	ng		90
49) Acenaphthylene	14.321	152	1489259	41.102	ng		99
50) Dimethylphthalate	14.057	163	1408663	39.965	ng		99
51) 2,6-Dinitrotoluene	14.169	165	293717	38.034	ng		91
52) Acenaphthene	14.662	154	1214272m	46.432	ng		
53) 3-Nitroaniline	14.498	138	165796	34.607	ng	#	89
54) 2,4-Dinitrophenol	14.703	184	584932	86.842	ng		92
55) Dibenzofuran	14.997	168	1738865	39.420	ng		96
56) 4-Nitrophenol	14.803	139	367725	88.443	ng		90
57) 2,4-Dinitrotoluene	14.956	165	445775	41.504	ng		91
58) Fluorene	15.649	166	1495379	39.837	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.220	232	826618	41.749	ng		98
60) Diethylphthalate	15.420	149	1274334	40.592	ng		99
61) 4-Chlorophenyl-phenyle...	15.643	204	1240534	36.431	ng		96
62) 4-Nitroaniline	15.667	138	230941	41.879	ng		93
63) Azobenzene	15.937	77	1120440	34.403	ng		91
65) 4,6-Dinitro-2-methylph...	15.720	198	428344	37.249	ng		98
66) n-Nitrosodiphenylamine	15.855	169	1404456	40.764	ng		99
67) 4-Bromophenyl-phenylether	16.536	248	932486	36.186	ng	#	93
68) Hexachlorobenzene	16.648	284	1061668	37.080	ng		99
69) Atrazine	16.807	200	744383	43.788	ng		98
70) Pentachlorophenol	16.989	266	1370098	66.036	ng		96
71) Phenanthrene	17.394	178	2879319	40.541	ng		100
72) Anthracene	17.482	178	2913527	40.133	ng		99
73) Carbazole	17.753	167	2303405	41.747	ng		96
74) Di-n-butylphthalate	18.317	149	2052037	42.999	ng		98
75) Fluoranthene	19.404	202	4196926	35.957	ng		94
77) Benzidine	19.586	184	526799	29.984	ng		99
78) Pyrene	19.768	202	4257984	38.382	ng		92
80) Butylbenzylphthalate	20.661	149	787296	50.028	ng		91
81) Benzo(a)anthracene	21.601	228	5296918	38.084	ng		90
82) 3,3'-Dichlorobenzidine	21.519	252	1806285	39.543	ng	#	99
83) Chrysene	21.666	228	4868607	37.336	ng		93
84) Bis(2-ethylhexyl)phtha...	21.525	149	1179788	48.993	ng		99
85) Di-n-octyl phthalate	22.735	149	2039147	48.999	ng		98
87) Indeno(1,2,3-cd)pyrene	28.464	276	7266004	45.361	ng	#	99
88) Benzo(b)fluoranthene	23.804	252	5782958m	43.130	ng		
89) Benzo(k)fluoranthene	23.875	252	5666313	43.370	ng		97
90) Benzo(a)pyrene	24.668	252	5194142	43.377	ng	#	97
91) Dibenzo(a,h)anthracene	28.534	278	6260061	46.029	ng		99
92) Benzo(g,h,i)perylene	29.603	276	5818951	44.239	ng	#	98

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

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