Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060926.D
Acq On : 17 Apr 2024 19:31
Operator : MA/JU
Sample : PB160288BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 18 02:17:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160288BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	48665	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	195439	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	165654	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	405732	20.000	ng		0.00
76) Chrysene-d12	21.578	240	378297	20.000	ng		0.00
86) Perylene-d12	24.692	264	446815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	396988	141.695	ng		0.00
7) Phenol-d6	7.113	99	567220	140.537	ng		0.00
23) Nitrobenzene-d5	9.098	82	373568	86.775	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	345591	126.282	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	951390	84.280	ng		0.00
79) Terphenyl-d14	19.939	244	1904765	87.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	40145	35.446	ng		93
3) Pyridine	3.834	79	112441	31.204	ng		98
4) n-Nitrosodimethylamine	3.752	42	93846	40.813	ng		99
6) Aniline	7.265	93	141241	28.722	ng		98
8) 2-Chlorophenol	7.506	128	160632	50.397	ng		97
9) Benzaldehyde	7.077	77	8303	3.831	ng	#	86
10) Phenol	7.136	94	206535	51.059	ng		98
11) bis(2-Chloroethyl)ether	7.365	93	141959	45.245	ng		99
12) 1,3-Dichlorobenzene	7.829	146	156292	46.150	ng		97
13) 1,4-Dichlorobenzene	7.976	146	159496	46.004	ng		99
14) 1,2-Dichlorobenzene	8.294	146	152727	45.302	ng		98
15) Benzyl Alcohol	8.176	79	157231	45.286	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	342008	45.104	ng		98
17) 2-Methylphenol	8.382	107	141721	44.342	ng		99
18) Hexachloroethane	9.022	117	57092	46.375	ng		98
19) n-Nitroso-di-n-propyla...	8.746	70	130082	42.313	ng		99
20) 3+4-Methylphenols	8.711	107	197295	44.496	ng		99
22) Acetophenone	8.758	105	243887	43.820	ng		97
24) Nitrobenzene	9.140	77	186268	44.087	ng		96
25) Isophorone	9.662	82	347932	43.795	ng		99
26) 2-Nitrophenol	9.851	139	84459	47.584	ng		96
27) 2,4-Dimethylphenol	9.909	122	121223	38.763	ng		98
28) bis(2-Chloroethoxy)met...	10.144	93	203190	45.485	ng		98
29) 2,4-Dichlorophenol	10.385	162	162389	47.860	ng		100
30) 1,2,4-Trichlorobenzene	10.603	180	167874	46.156	ng		97
31) Naphthalene	10.785	128	473762	44.822	ng		100
32) Benzoic acid	10.050	122	116810	46.144	ng		97
33) 4-Chloroaniline	10.890	127	93041	18.782	ng		98
34) Hexachlorobutadiene	11.078	225	119551	46.238	ng		98
35) Caprolactam	11.660	113	55556m	44.377	ng		
36) 4-Chloro-3-methylphenol	12.019	107	193157	47.101	ng		98
37) 2-Methylnaphthalene	12.395	142	344447	43.077	ng		99
38) 1-Methylnaphthalene	12.612	142	325935	43.177	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	228265	44.655	ng		98
41) Hexachlorocyclopentadiene	12.747	237	281031	107.518	ng		99
43) 2,4,6-Trichlorophenol	13.000	196	163109	45.886	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	181094	42.245	ng		95
46) 1,1'-Biphenyl	13.405	154	496638	44.093	ng		98
47) 2-Chloronaphthalene	13.446	162	389113	45.137	ng		100
48) 2-Nitroaniline	13.640	65	157116	44.413	ng		96
49) Acenaphthylene	14.292	152	679223	46.594	ng		98
50) Dimethylphthalate	14.028	163	580862	44.188	ng		99
51) 2,6-Dinitrotoluene	14.145	165	120524	44.985	ng		91
52) Acenaphthene	14.633	154	386347	43.700	ng		98
53) 3-Nitroaniline	14.469	138	77744	26.434	ng	#	92
54) 2,4-Dinitrophenol	14.680	184	158450	91.719	ng		97
55) Dibenzofuran	14.968	168	642227	43.003	ng		96
56) 4-Nitrophenol	14.786	139	209480	93.028	ng		99
57) 2,4-Dinitrotoluene	14.933	165	178496	46.622	ng		98
58) Fluorene	15.620	166	532482	42.984	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.197	232	180323	45.790	ng		98
60) Diethylphthalate	15.397	149	577177	43.837	ng		100
61) 4-Chlorophenyl-phenyle...	15.614	204	292223	42.556	ng		98
62) 4-Nitroaniline	15.638	138	128631	40.677	ng		98
63) Azobenzene	15.908	77	540603	43.564	ng		99
65) 4,6-Dinitro-2-methylph...	15.697	198	112819	49.840	ng		95
66) n-Nitrosodiphenylamine	15.832	169	506148	45.444	ng		97
67) 4-Bromophenyl-phenylether	16.507	248	203925	44.866	ng		96
68) Hexachlorobenzene	16.625	284	237166	47.954	ng		99
69) Atrazine	16.784	200	204406	51.065	ng		98
70) Pentachlorophenol	16.966	266	319971	95.531	ng		98
71) Phenanthrene	17.359	178	936664	45.609	ng		99
72) Anthracene	17.448	178	967305	45.854	ng		98
73) Carbazole	17.718	167	834743	45.417	ng		99
74) Di-n-butylphthalate	18.294	149	1004515	45.397	ng		100
75) Fluoranthene	19.369	202	1159843	44.370	ng		99
77) Benzidine	19.551	184	395256	47.369	ng		99
78) Pyrene	19.733	202	1204246	46.405	ng		99
80) Butylbenzylphthalate	20.632	149	436146	45.758	ng		100
81) Benzo(a)anthracene	21.554	228	1240203	46.426	ng		99
82) 3,3'-Dichlorobenzidine	21.472	252	299479	31.481	ng		98
83) Chrysene	21.625	228	1176151	46.113	ng		99
84) Bis(2-ethylhexyl)phtha...	21.490	149	640162	45.420	ng		98
85) Di-n-octyl phthalate	22.677	149	1111807	45.717	ng		100
87) Indeno(1,2,3-cd)pyrene	28.247	276	1499424	48.528	ng	#	97
88) Benzo(b)fluoranthene	23.711	252	1213398	47.998	ng		97
89) Benzo(k)fluoranthene	23.781	252	1209522	46.768	ng		100
90) Benzo(a)pyrene	24.557	252	1137997	45.658	ng		99
91) Dibenzo(a,h)anthracene	28.311	278	1214937	47.769	ng		99
92) Benzo(g,h,i)perylene	29.351	276	1142169	45.935	ng		97

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

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