Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060935.D
Acq On : 18 Apr 2024 13:58
Operator : MA/JU
Sample : P2150-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 18 14:46:30 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 :
ARCOLA-SP-1MS

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	57146	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	231797	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	188364	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	442196	20.000	ng		0.00
76) Chrysene-d12	21.578	240	421245	20.000	ng		0.00
86) Perylene-d12	24.698	264	501204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	346962	105.461	ng		0.00
7) Phenol-d6	7.112	99	511071	107.833	ng		0.00
23) Nitrobenzene-d5	9.092	82	331433	64.912	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	281672	90.516	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	818227	63.744	ng		0.00
79) Terphenyl-d14	19.939	244	1474143	61.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	52502	39.476	ng		97
3) Pyridine	3.834	79	138577	32.750	ng		94
4) n-Nitrosodimethylamine	3.752	42	107067	39.652	ng		98
6) Aniline	7.265	93	101093	17.507	ng		96
8) 2-Chlorophenol	7.506	128	176048	47.036	ng		97
9) Benzaldehyde	7.077	77	9656	3.794	ng		97
10) Phenol	7.136	94	232664	48.983	ng		97
11) bis(2-Chloroethyl)ether	7.365	93	157885	42.853	ng		100
12) 1,3-Dichlorobenzene	7.829	146	178021	44.765	ng		99
13) 1,4-Dichlorobenzene	7.976	146	182914	44.929	ng		99
14) 1,2-Dichlorobenzene	8.293	146	176278	44.527	ng		98
15) Benzyl Alcohol	8.176	79	173100	42.457	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	376720	42.309	ng		100
17) 2-Methylphenol	8.382	107	156818	41.784	ng		96
18) Hexachloroethane	9.022	117	64521	44.631	ng		94
19) n-Nitroso-di-n-propyla...	8.746	70	144648	40.068	ng		94
20) 3+4-Methylphenols	8.711	107	219872	42.229	ng		98
22) Acetophenone	8.758	105	275124	41.679	ng	#	99
24) Nitrobenzene	9.139	77	205047	40.919	ng		99
25) Isophorone	9.662	82	382625	40.608	ng		98
26) 2-Nitrophenol	9.845	139	95670	45.445	ng		98
27) 2,4-Dimethylphenol	9.909	122	134162	36.171	ng		99
28) bis(2-Chloroethoxy)met...	10.144	93	223638	42.210	ng		97
29) 2,4-Dichlorophenol	10.385	162	178439	44.341	ng		99
30) 1,2,4-Trichlorobenzene	10.597	180	186443	43.221	ng		98
31) Naphthalene	10.785	128	539294	43.019	ng		99
32) Benzoic acid	10.050	122	136035	45.309	ng		98
33) 4-Chloroaniline	10.890	127	48933	8.329	ng		94
34) Hexachlorobutadiene	11.078	225	134497	43.859	ng		94
35) Caprolactam	11.660	113	60943m	41.045	ng		
36) 4-Chloro-3-methylphenol	12.018	107	206189	42.392	ng		99
37) 2-Methylnaphthalene	12.395	142	386443	40.748	ng		98
38) 1-Methylnaphthalene	12.612	142	365816	40.859	ng		99
40) 1,2,4,5-Tetrachloroben...	12.759	216	257437	44.290	ng		98
41) Hexachlorocyclopentadiene	12.747	237	286590	96.425	ng		100
43) 2,4,6-Trichlorophenol	13.000	196	179000	44.285	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	203353	41.718	ng		99
46) 1,1'-Biphenyl	13.405	154	566121	44.202	ng		99
47) 2-Chloronaphthalene	13.446	162	449652	45.871	ng		99
48) 2-Nitroaniline	13.640	65	169379	42.107	ng		97
49) Acenaphthylene	14.292	152	753558	45.461	ng		99
50) Dimethylphthalate	14.028	163	609752	40.793	ng		99
51) 2,6-Dinitrotoluene	14.140	165	127844	41.964	ng		98
52) Acenaphthene	14.633	154	439786	43.747	ng		98
53) 3-Nitroaniline	14.469	138	57763	17.272	ng	#	95
54) 2,4-Dinitrophenol	14.674	184	166529	85.186	ng		92
55) Dibenzofuran	14.968	168	710526	41.840	ng		97
56) 4-Nitrophenol	14.786	139	225300	87.991	ng		97
57) 2,4-Dinitrotoluene	14.927	165	187184	42.997	ng		96
58) Fluorene	15.620	166	589389	41.842	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	189811	42.388	ng		98
60) Diethylphthalate	15.397	149	594568	39.713	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	311331	39.872	ng		99
62) 4-Nitroaniline	15.638	138	132310	36.796	ng		95
63) Azobenzene	15.908	77	574452	40.711	ng		99
65) 4,6-Dinitro-2-methylph...	15.697	198	116867	47.371	ng		99
66) n-Nitrosodiphenylamine	15.826	169	533953	43.987	ng		99
67) 4-Bromophenyl-phenylether	16.507	248	214943	43.391	ng		99
68) Hexachlorobenzene	16.625	284	249241	46.240	ng		99
69) Atrazine	16.778	200	208132	47.708	ng		96
70) Pentachlorophenol	16.966	266	336072	92.064	ng		96
71) Phenanthrene	17.359	178	1194084	53.349	ng		98
72) Anthracene	17.453	178	1029733	44.788	ng		98
73) Carbazole	17.718	167	886869	44.274	ng		99
74) Di-n-butylphthalate	18.293	149	1042338	43.222	ng		99
75) Fluoranthene	19.375	202	1534116	53.849	ng		100
77) Benzidine	19.551	184	365211	39.306	ng		99
78) Pyrene	19.733	202	1525896	52.805	ng		98
80) Butylbenzylphthalate	20.632	149	455147	42.883	ng		99
81) Benzo(a)anthracene	21.560	228	1452623	48.834	ng		100
82) 3,3'-Dichlorobenzidine	21.472	252	235422	22.225	ng		100
83) Chrysene	21.625	228	1379334	48.566	ng		99
84) Bis(2-ethylhexyl)phtha...	21.490	149	682858	43.509	ng		98
85) Di-n-octyl phthalate	22.677	149	1188165	43.876	ng		99
87) Indeno(1,2,3-cd)pyrene	28.247	276	1686886	48.671	ng	#	96
88) Benzo(b)fluoranthene	23.717	252	1446487	51.009	ng		98
89) Benzo(k)fluoranthene	23.781	252	1363947	47.016	ng		99
90) Benzo(a)pyrene	24.557	252	1323952	47.354	ng		99
91) Dibenzo(a,h)anthracene	28.311	278	1299729	45.558	ng		98
92) Benzo(g,h,i)perylene	29.345	276	1301591	46.666	ng		97

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

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