Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
Data File : BG060126.D
Acq On : 21 Dec 2023 17:28
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 22 03:26:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:23:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	135090	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	700605	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	552249	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1408850	20.000	ng	0.00
76) Chrysene-d12	21.602	240	1103939	20.000	ng	0.00
86) Perylene-d12	24.769	264	1065802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1077054	125.629	ng	0.00
7) Phenol-d6	7.107	99	1813548	125.693	ng	0.00
23) Nitrobenzene-d5	9.111	82	1784016	124.741	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	869983	117.002	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	4103861	111.582	ng	0.00
79) Terphenyl-d14	19.951	244	5979942	98.021	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	203124	56.580	ng	98
3) Pyridine	3.811	79	658553m	57.107	ng	
4) n-Nitrosodimethylamine	3.734	42	308427	58.962	ng	97
6) Aniline	7.271	93	922173	61.206	ng	98
8) 2-Chlorophenol	7.507	128	600302	63.192	ng	97
9) Benzaldehyde	7.083	77	430434	53.776	ng	98
10) Phenol	7.136	94	927405	64.328	ng	98
11) bis(2-Chloroethyl)ether	7.365	93	694842	61.391	ng	96
12) 1,3-Dichlorobenzene	7.836	146	640297	60.307	ng	97
13) 1,4-Dichlorobenzene	7.982	146	653867	59.540	ng	97
14) 1,2-Dichlorobenzene	8.300	146	663817	60.026	ng	99
15) Benzyl Alcohol	8.182	79	665774	62.858	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.470	45	1253331	59.531	ng	99
17) 2-Methylphenol	8.388	107	628397	62.819	ng	94
18) Hexachloroethane	9.028	117	224818	61.685	ng	92
19) n-Nitroso-di-n-propyla...	8.752	70	694641	61.916	ng	97
20) 3+4-Methylphenols	8.717	107	911148	63.447	ng	99
22) Acetophenone	8.770	105	1228665	61.487	ng	98
24) Nitrobenzene	9.152	77	923411	62.482	ng	97
25) Isophorone	9.669	82	1948075	55.891	ng	98
26) 2-Nitrophenol	9.857	139	377969	64.565	ng	99
27) 2,4-Dimethylphenol	9.915	122	500969	62.171	ng	88
28) bis(2-Chloroethoxy)met...	10.156	93	1108531	60.569	ng	99
29) 2,4-Dichlorophenol	10.397	162	762575	63.437	ng	96
30) 1,2,4-Trichlorobenzene	10.609	180	783617	60.725	ng	100
31) Naphthalene	10.803	128	2210364	59.264	ng	98
32) Benzoic acid	10.080	122	552552m	57.917	ng	
33) 4-Chloroaniline	10.908	127	934786	57.992	ng	96
34) Hexachlorobutadiene	11.085	225	434112	60.255	ng	95
35) Caprolactam	11.707	113	321865	51.256	ng	96
36) 4-Chloro-3-methylphenol	12.037	107	817108	56.702	ng	99
37) 2-Methylnaphthalene	12.407	142	1700957	58.764	ng	98
38) 1-Methylnaphthalene	12.630	142	1710055	58.853	ng	98
40) 1,2,4,5-Tetrachloroben...	12.771	216	913349	63.157	ng	99
41) Hexachlorocyclopentadiene	12.753	237	331812	67.825	ng	98
43) 2,4,6-Trichlorophenol	13.012	196	671277	62.224	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	748636	61.188	ng		99
46) 1,1'-Biphenyl	13.417	154	2399947	59.808	ng		97
47) 2-Chloronaphthalene	13.458	162	2024481	61.529	ng		100
48) 2-Nitroaniline	13.664	65	662860	61.747	ng		100
49) Acenaphthylene	14.304	152	3019067	58.703	ng		97
50) Dimethylphthalate	14.040	163	2641085	54.373	ng		100
51) 2,6-Dinitrotoluene	14.158	165	602219	61.981	ng		97
52) Acenaphthene	14.651	154	1885484	59.613	ng		98
53) 3-Nitroaniline	14.492	138	616556	59.729	ng		96
54) 2,4-Dinitrophenol	14.692	184	341502	55.490	ng		96
55) Dibenzofuran	14.980	168	3073029	57.688	ng		95
56) 4-Nitrophenol	14.798	139	530699	61.925	ng		98
57) 2,4-Dinitrotoluene	14.945	165	854426	59.907	ng		97
58) Fluorene	15.632	166	2528896	56.110	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	632128	57.532	ng		98
60) Diethylphthalate	15.403	149	2751870	52.449	ng		95
61) 4-Chlorophenyl-phenyle...	15.621	204	1241394	57.774	ng		99
62) 4-Nitroaniline	15.662	138	695995	57.437	ng		98
63) Azobenzene	15.920	77	2644548	56.465	ng		96
65) 4,6-Dinitro-2-methylph...	15.715	198	521505	68.401	ng		98
66) n-Nitrosodiphenylamine	15.838	169	2270980	61.112	ng		97
67) 4-Bromophenyl-phenylether	16.519	248	818482	61.667	ng		94
68) Hexachlorobenzene	16.637	284	939442	61.814	ng		97
69) Atrazine	16.790	200	838564	60.640	ng		99
70) Pentachlorophenol	16.978	266	600469	63.818	ng		97
71) Phenanthrene	17.377	178	3977660	56.033	ng		93
72) Anthracene	17.465	178	4055243	56.748	ng		94
73) Carbazole	17.736	167	4216166	55.574	ng		94
74) Di-n-butylphthalate	18.294	149	4569802	50.801	ng	#	93
75) Fluoranthene	19.387	202	4805886	51.571	ng		90
77) Benzidine	19.569	184	1985138	66.509	ng		98
78) Pyrene	19.751	202	4996650	59.292	ng	#	89
80) Butylbenzylphthalate	20.638	149	1835915	65.000	ng		98
81) Benzo(a)anthracene	21.578	228	4230035	57.671	ng		95
82) 3,3'-Dichlorobenzidine	21.496	252	1331517	61.232	ng		100
83) Chrysene	21.643	228	3952677	57.396	ng		92
84) Bis(2-ethylhexyl)phtha...	21.484	149	2406934	63.939	ng		97
85) Di-n-octyl phthalate	22.683	149	4026599	64.193	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.411	276	4586759	61.658	ng		99
88) Benzo(b)fluoranthene	23.764	252	3946841	58.562	ng		100
89) Benzo(k)fluoranthene	23.840	252	3950227	59.806	ng		98
90) Benzo(a)pyrene	24.628	252	3594967	60.542	ng		98
91) Dibenzo(a,h)anthracene	28.470	278	3795643	61.788	ng		98
92) Benzo(g,h,i)perylene	29.551	276	3853441	62.096	ng		97

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

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