Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059989.D
Acq On : 7 Dec 2023 16:42
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 08 02:37:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 02:35:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG120723

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	129695	20.000	ng		0.00
21) Naphthalene-d8	10.768	136	435977	20.000	ng	#	0.00
39) Acenaphthene-d10	14.598	164	421338	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	1411934	20.000	ng		0.00
76) Chrysene-d12	21.620	240	1923884	20.000	ng		0.00
86) Perylene-d12	24.810	264	2279617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	530072	75.584	ng		0.00
7) Phenol-d6	7.113	99	725919	73.623	ng		0.00
23) Nitrobenzene-d5	9.122	82	797333	80.763	ng		0.00
42) 2,4,6-Tribromophenol	16.085	330	1002007	81.818	ng		0.00
45) 2-Fluorobiphenyl	13.223	172	2850328	81.291	ng		0.00
79) Terphenyl-d14	19.969	244	6208150	82.296	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	104097	32.819	ng		98
3) Pyridine	3.829	79	333544	37.905	ng		95
4) n-Nitrosodimethylamine	3.746	42	147402	38.640	ng	#	63
6) Aniline	7.283	93	446350	42.466	ng		97
8) 2-Chlorophenol	7.518	128	241668	35.899	ng		94
9) Benzaldehyde	7.095	77	228743	38.036	ng		94
10) Phenol	7.142	94	354846	36.834	ng		97
11) bis(2-Chloroethyl)ether	7.383	93	217200	33.704	ng		96
12) 1,3-Dichlorobenzene	7.847	146	303910m	31.933	ng		
13) 1,4-Dichlorobenzene	7.994	146	317307	33.886	ng		99
14) 1,2-Dichlorobenzene	8.312	146	314299	35.191	ng		95
15) Benzyl Alcohol	8.194	79	338630	38.485	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.482	45	120079	34.598	ng		91
17) 2-Methylphenol	8.388	107	257517	39.548	ng		95
18) Hexachloroethane	9.046	117	105888	34.848	ng		90
19) n-Nitroso-di-n-propyla...	8.764	70	244544	36.807	ng		98
20) 3+4-Methylphenols	8.723	107	350411	37.993	ng		96
22) Acetophenone	8.782	105	490151	38.433	ng	#	95
24) Nitrobenzene	9.164	77	394780	38.710	ng		95
25) Isophorone	9.686	82	680580	38.325	ng		99
26) 2-Nitrophenol	9.874	139	147340	37.155	ng		91
27) 2,4-Dimethylphenol	9.927	122	263659	49.276	ng		94
28) bis(2-Chloroethoxy)met...	10.168	93	325513	38.699	ng		98
29) 2,4-Dichlorophenol	10.403	162	391620	38.847	ng		97
30) 1,2,4-Trichlorobenzene	10.627	180	524486	37.466	ng		98
31) Naphthalene	10.815	128	863613	38.782	ng		97
32) Benzoic acid	10.057	122	215881	39.902	ng		85
33) 4-Chloroaniline	10.920	127	364314	43.474	ng		95
34) Hexachlorobutadiene	11.102	225	562081	36.876	ng		92
35) Caprolactam	11.696	113	87591	38.173	ng		90
36) 4-Chloro-3-methylphenol	12.037	107	343068	38.798	ng		99
37) 2-Methylnaphthalene	12.424	142	752891	39.031	ng		99
38) 1-Methylnaphthalene	12.642	142	720828	39.341	ng		94
40) 1,2,4,5-Tetrachloroben...	12.789	216	1088297	40.388	ng		98
41) Hexachlorocyclopentadiene	12.771	237	595052	47.261	ng		96
43) 2,4,6-Trichlorophenol	13.024	196	548572	39.282	ng		98

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44) 2,4,5-Trichlorophenol	13.094	196	653799	41.516	ng		99
46) 1,1'-Biphenyl	13.429	154	1190600	38.848	ng		96
47) 2-Chloronaphthalene	13.470	162	1000273	37.908	ng		98
48) 2-Nitroaniline	13.670	65	219876	42.683	ng		86
49) Acenaphthylene	14.316	152	1441293	40.511	ng		100
50) Dimethylphthalate	14.052	163	1377546	41.018	ng		99
51) 2,6-Dinitrotoluene	14.169	165	288278	38.996	ng		93
52) Acenaphthene	14.663	154	1019377	39.521	ng		99
53) 3-Nitroaniline	14.498	138	199994	39.557	ng	#	94
54) 2,4-Dinitrophenol	14.698	184	252531	41.097	ng		97
55) Dibenzofuran	14.998	168	1692163	40.380	ng		100
56) 4-Nitrophenol	14.792	139	166181	38.795	ng		99
57) 2,4-Dinitrotoluene	14.951	165	422308	39.892	ng		95
58) Fluorene	15.644	166	1440674	39.458	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	713012	40.358	ng		98
60) Diethylphthalate	15.421	149	1219580	40.387	ng		99
61) 4-Chlorophenyl-phenyle...	15.638	204	1231491	40.175	ng		96
62) 4-Nitroaniline	15.662	138	227590	40.633	ng		96
63) Azobenzene	15.932	77	1041266	39.469	ng		96
65) 4,6-Dinitro-2-methylph...	15.715	198	397990	39.543	ng		99
66) n-Nitrosodiphenylamine	15.850	169	1369324	40.819	ng		99
67) 4-Bromophenyl-phenylether	16.537	248	909442	41.055	ng		96
68) Hexachlorobenzene	16.649	284	958235	37.190	ng		97
69) Atrazine	16.802	200	461188	31.499	ng		97
70) Pentachlorophenol	16.990	266	709170	39.320	ng		98
71) Phenanthrene	17.389	178	2661205	41.170	ng		99
72) Anthracene	17.477	178	2742397	41.979	ng		99
73) Carbazole	17.748	167	2061091	38.689	ng	#	93
74) Di-n-butylphthalate	18.312	149	1902545	39.973	ng		99
75) Fluoranthene	19.404	202	3874684	38.285	ng		97
77) Benzidine	19.581	184	649226	28.763	ng		99
78) Pyrene	19.763	202	3937730	38.212	ng		98
80) Butylbenzylphthalate	20.662	149	719325	39.597	ng		95
81) Benzo(a)anthracene	21.596	228	4762250	38.784	ng		98
82) 3,3'-Dichlorobenzidine	21.514	252	1882086	42.988	ng		97
83) Chrysene	21.667	228	4507478	38.884	ng		100
84) Bis(2-ethylhexyl)phtha...	21.520	149	1105299	41.335	ng		97
85) Di-n-octyl phthalate	22.724	149	1866203	40.381	ng		100
87) Indeno(1,2,3-cd)pyrene	28.459	276	6468852	38.950	ng		100
88) Benzo(b)fluoranthene	23.799	252	5023177m	37.868	ng		
89) Benzo(k)fluoranthene	23.864	252	5175898	40.278	ng		99
90) Benzo(a)pyrene	24.663	252	5002036	41.361	ng	#	98
91) Dibenzo(a,h)anthracene	28.523	278	5558962	39.739	ng		98
92) Benzo(g,h,i)perylene	29.593	276	5254717	38.546	ng	#	97

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

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