Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059985.D
Acq On : 7 Dec 2023 13:59
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 08 02:21:06 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 02:14:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

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	7.961	152	142882	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	450800	20.000	ng	0.00
39) Acenaphthene-d10	14.600	164	432153	20.000	ng	0.00
64) Phenanthrene-d10	17.344	188	1446776	20.000	ng	0.00
76) Chrysene-d12	21.621	240	2016346	20.000	ng	0.00
86) Perylene-d12	24.811	264	2432426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	566791	73.361	ng	0.00
7) Phenol-d6	7.115	99	825512	75.996	ng	0.00
23) Nitrobenzene-d5	9.118	82	820932	80.419	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	978536	77.902	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2878680	80.045	ng	0.00
79) Terphenyl-d14	19.970	244	6298879	77.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.436	88	114671	32.816	ng	100
3) Pyridine	3.830	79	360844	37.220	ng	100
4) n-Nitrosodimethylamine	3.748	42	143738	34.202	ng	100
6) Aniline	7.285	93	530345	45.800	ng	100
8) 2-Chlorophenol	7.520	128	280493	37.820	ng	100
9) Benzaldehyde	7.097	77	252890	38.175	ng	100
10) Phenol	7.138	94	407053	38.354	ng	100
11) bis(2-Chloroethyl)ether	7.379	93	269011	37.891	ng	100
12) 1,3-Dichlorobenzene	7.849	146	362347	34.560	ng	100
13) 1,4-Dichlorobenzene	7.996	146	360893	34.983	ng	100
14) 1,2-Dichlorobenzene	8.313	146	326998	33.248	ng	100
15) Benzyl Alcohol	8.190	79	388755	40.104	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.483	45	134101	35.072	ng	100
17) 2-Methylphenol	8.390	107	274313	38.240	ng	100
18) Hexachloroethane	9.048	117	104893	31.335	ng	100
19) n-Nitroso-di-n-propyla...	8.766	70	262670	35.887	ng	100
20) 3+4-Methylphenols	8.724	107	377005	37.104	ng	100
22) Acetophenone	8.777	105	510345	38.701	ng	100
24) Nitrobenzene	9.159	77	427430	40.534	ng	100
25) Isophorone	9.682	82	739778	40.288	ng	100
26) 2-Nitrophenol	9.876	139	159590	38.921	ng	100
27) 2,4-Dimethylphenol	9.929	122	281281	50.840	ng	100
28) bis(2-Chloroethoxy)met...	10.170	93	336542	38.694	ng	100
29) 2,4-Dichlorophenol	10.405	162	414537	39.768	ng	100
30) 1,2,4-Trichlorobenzene	10.628	180	541279	37.395	ng	100
31) Naphthalene	10.816	128	889690	38.639	ng	100
32) Benzoic acid	10.052	122	217434	38.736	ng	100
33) 4-Chloroaniline	10.916	127	380708	43.937	ng	100
34) Hexachlorobutadiene	11.098	225	575797	36.534	ng	100
35) Caprolactam	11.686	113	99104	41.770	ng	100
36) 4-Chloro-3-methylphenol	12.038	107	383918	41.990	ng	100
37) 2-Methylnaphthalene	12.420	142	858992	43.067	ng	100
38) 1-Methylnaphthalene	12.643	142	705611	37.244	ng	100
40) 1,2,4,5-Tetrachloroben...	12.790	216	1160707	41.997	ng	100
41) Hexachlorocyclopentadiene	12.767	237	671841	52.025	ng	100
43) 2,4,6-Trichlorophenol	13.025	196	556780	38.872	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.096	196	652957	40.425	ng	100
46) 1,1'-Biphenyl	13.431	154	1296496	41.244	ng	100
47) 2-Chloronaphthalene	13.472	162	1008952	37.280	ng	100
48) 2-Nitroaniline	13.672	65	209866	39.720	ng	100
49) Acenaphthylene	14.318	152	1490193	40.837	ng	100
50) Dimethylphthalate	14.053	163	1388841	40.319	ng	100
51) 2,6-Dinitrotoluene	14.171	165	292507	38.578	ng	100
52) Acenaphthene	14.664	154	1015881m	38.400	ng	
53) 3-Nitroaniline	14.494	138	224724	43.336	ng	100
54) 2,4-Dinitrophenol	14.694	184	254366	40.360	ng	100
55) Dibenzofuran	14.994	168	1702803	39.617	ng	100
56) 4-Nitrophenol	14.794	139	177754	40.458	ng	100
57) 2,4-Dinitrotoluene	14.952	165	405415	37.338	ng	100
58) Fluorene	15.646	166	1468358	39.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.217	232	707562	39.048	ng	100
60) Diethylphthalate	15.417	149	1224684	39.541	ng	100
61) 4-Chlorophenyl-phenyle...	15.640	204	1243103	39.539	ng	100
62) 4-Nitroaniline	15.663	138	234772	40.866	ng	100
63) Azobenzene	15.934	77	1091065	40.322	ng	100
65) 4,6-Dinitro-2-methylph...	15.716	198	411660	39.916	ng	100
66) n-Nitrosodiphenylamine	15.851	169	1359998	39.565	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	877336	38.652	ng	100
68) Hexachlorobenzene	16.650	284	964655	36.537	ng	100
69) Atrazine	16.797	200	471454	31.424	ng	100
70) Pentachlorophenol	16.991	266	690229	37.349	ng	100
71) Phenanthrene	17.391	178	2679833	40.460	ng	100
72) Anthracene	17.479	178	2739564	40.926	ng	100
73) Carbazole	17.743	167	2169497	39.743	ng	100
74) Di-n-butylphthalate	18.313	149	1921139	39.392	ng	100
75) Fluoranthene	19.400	202	3911699	37.720	ng	100
77) Benzidine	19.582	184	809968	34.239	ng	100
78) Pyrene	19.764	202	4004682	37.080	ng	100
80) Butylbenzylphthalate	20.663	149	761522	39.998	ng	100
81) Benzo(a)anthracene	21.598	228	4925246	38.272	ng	100
82) 3,3'-Dichlorobenzidine	21.515	252	2005433	43.705	ng	100
83) Chrysene	21.668	228	4735239	38.976	ng	100
84) Bis(2-ethylhexyl)phtha...	21.521	149	1144170	40.826	ng	100
85) Di-n-octyl phthalate	22.732	149	1948482	40.228	ng	100
87) Indeno(1,2,3-cd)pyrene	28.454	276	6723372	37.939	ng	100
88) Benzo(b)fluoranthene	23.801	252	5214617	36.841	ng	100
89) Benzo(k)fluoranthene	23.871	252	5445281	39.696	ng	100
90) Benzo(a)pyrene	24.665	252	5198409	40.284	ng	100
91) Dibenzo(a,h)anthracene	28.525	278	5854607	39.223	ng	100
92) Benzo(g,h,i)perylene	29.600	276	5460024	37.536	ng	100

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

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