Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059928.D
Acq On : 1 Dec 2023 21:52
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 02 02:25:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	31123	20.000	ng	0.00
21) Naphthalene-d8	10.768	136	134782	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	147345	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	514783	20.000	ng	0.00
76) Chrysene-d12	21.624	240	761416	20.000	ng	0.00
86) Perylene-d12	24.814	264	875498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	130591	67.926	ng	0.00
7) Phenol-d6	7.114	99	190477	68.595	ng	0.00
23) Nitrobenzene-d5	9.129	82	321067	126.893	ng	0.00
42) 2,4,6-Tribromophenol	16.091	330	458011	167.391	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	1226362	109.314	ng	0.00
79) Terphenyl-d14	19.974	244	3770233	82.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	20420m	34.229	ng	
3) Pyridine	3.831	79	63272	39.898	ng	100
4) n-Nitrosodimethylamine	3.748	42	48428m	50.752	ng	
6) Aniline	7.285	93	97271	32.935	ng	100
8) 2-Chlorophenol	7.526	128	63597	29.915	ng	100
9) Benzaldehyde	7.097	77	72628	39.354	ng	100
10) Phenol	7.144	94	86737	30.338	ng	100
11) bis(2-Chloroethyl)ether	7.385	93	59913	27.533	ng	100
12) 1,3-Dichlorobenzene	7.855	146	102422	41.792	ng	100
13) 1,4-Dichlorobenzene	8.001	146	105972	41.843	ng	100
14) 1,2-Dichlorobenzene	8.319	146	95503	38.778	ng	100
15) Benzyl Alcohol	8.195	79	105430	46.607	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.483	45	19137	5.016	ng	100
17) 2-Methylphenol	8.395	107	60326	30.423	ng	100
18) Hexachloroethane	9.047	117	45128	48.432	ng	100
19) n-Nitroso-di-n-propyla...	8.771	70	72228	36.500	ng	100
20) 3+4-Methylphenols	8.724	107	95437	33.826	ng	100
22) Acetophenone	8.783	105	175135	46.076	ng	100
24) Nitrobenzene	9.170	77	153900	57.408	ng	100
25) Isophorone	9.687	82	234081	41.823	ng	100
26) 2-Nitrophenol	9.875	139	49440	56.526	ng	100
27) 2,4-Dimethylphenol	9.934	122	55904	35.418	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	93837	31.022	ng	100
29) 2,4-Dichlorophenol	10.404	162	136825	57.812	ng	100
30) 1,2,4-Trichlorobenzene	10.633	180	217115	73.280	ng	100
31) Naphthalene	10.821	128	271838	36.582	ng	100
32) Benzoic acid	10.058	122	57795m	41.445	ng	
33) 4-Chloroaniline	10.927	127	97259	32.801	ng	100
34) Hexachlorobutadiene	11.109	225	263988	109.039	ng	100
35) Caprolactam	11.696	113	23437m	31.036	ng	
36) 4-Chloro-3-methylphenol	12.037	107	125012	46.493	ng	100
37) 2-Methylnaphthalene	12.431	142	261303	47.439	ng	100
38) 1-Methylnaphthalene	12.648	142	263843	47.264	ng	100
40) 1,2,4,5-Tetrachloroben...	12.789	216	441523	80.528	ng	100
41) Hexachlorocyclopentadiene	12.777	237	217655	96.588	ng	100
43) 2,4,6-Trichlorophenol	13.030	196	235137	69.869	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.100	196	259610	68.365	ng	100
46) 1,1'-Biphenyl	13.435	154	439692	39.953	ng	100
47) 2-Chloronaphthalene	13.476	162	409229	44.264	ng	100
48) 2-Nitroaniline	13.676	65	76234	33.055	ng	100
49) Acenaphthylene	14.322	152	507431	36.819	ng	100
50) Dimethylphthalate	14.058	163	533265	44.342	ng	100
51) 2,6-Dinitrotoluene	14.170	165	110075	52.044	ng	100
52) Acenaphthene	14.669	154	386276	43.803	ng	100
53) 3-Nitroaniline	14.499	138	65653	33.348	ng	100
54) 2,4-Dinitrophenol	14.698	184	102021	94.507	ng	100
55) Dibenzofuran	14.998	168	681258	48.537	ng	100
56) 4-Nitrophenol	14.792	139	51891	32.557	ng	100
57) 2,4-Dinitrotoluene	14.957	165	171071	59.816	ng	100
58) Fluorene	15.650	166	588095	51.045	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	307140	82.884	ng	100
60) Diethylphthalate	15.427	149	460108	38.963	ng	100
61) 4-Chlorophenyl-phenyle...	15.644	204	516515	74.636	ng	100
62) 4-Nitroaniline	15.662	138	74921	35.094	ng	100
63) Azobenzene	15.938	77	465839	41.533	ng	100
65) 4,6-Dinitro-2-methylph...	15.715	198	170745	75.418	ng	100
66) n-Nitrosodiphenylamine	15.856	169	473218	35.020	ng	100
67) 4-Bromophenyl-phenylether	16.537	248	415648	61.647	ng	100
68) Hexachlorobenzene	16.649	284	476195	60.030	ng	100
69) Atrazine	16.807	200	244338	46.800	ng	100
70) Pentachlorophenol	16.989	266	334207	71.274	ng	100
71) Phenanthrene	17.389	178	1002687	38.786	ng	100
72) Anthracene	17.483	178	999292	38.327	ng	100
73) Carbazole	17.747	167	756835	32.110	ng	100
74) Di-n-butylphthalate	18.323	149	591098	21.504	ng	100
75) Fluoranthene	19.404	202	1747096	50.297	ng	100
77) Benzidine	19.586	184	375198	28.383	ng	100
78) Pyrene	19.768	202	1715131	32.732	ng	100
80) Butylbenzylphthalate	20.667	149	221992	12.968	ng	100
81) Benzo(a)anthracene	21.601	228	2093440	39.700	ng	100
82) 3,3'-Dichlorobenzidine	21.518	252	662863	38.897	ng	100
83) Chrysene	21.671	228	1974502	39.527	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	324390	12.777	ng	100
85) Di-n-octyl phthalate	22.740	149	572899	13.149	ng	100
87) Indeno(1,2,3-cd)pyrene	28.462	276	2692056	41.184	ng	100
88) Benzo(b)fluoranthene	23.804	252	2385209	43.281	ng	100
89) Benzo(k)fluoranthene	23.874	252	2228319	41.569	ng	100
90) Benzo(a)pyrene	24.667	252	1960368	40.404	ng	100
91) Dibenzo(a,h)anthracene	28.532	278	2328980	42.457	ng	100
92) Benzo(g,h,i)perylene	29.608	276	2153386	39.844	ng	100

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

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