Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
Data File : BG060557.D
Acq On : 6 Feb 2024 14:35
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 07 01:19:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 01:12:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	52902	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	225310	20.000	ng	0.00
39) Acenaphthene-d10	14.985	164	137721	20.000	ng	0.00
64) Phenanthrene-d10	17.735	188	307556	20.000	ng	0.00
76) Chrysene-d12	22.083	240	282933	20.000	ng	0.00
86) Perylene-d12	25.690	264	314423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	289667	82.689	ng	0.00
7) Phenol-d6	7.459	99	358966	76.207	ng	0.00
23) Nitrobenzene-d5	9.550	82	318348	79.477	ng	0.00
42) 2,4,6-Tribromophenol	16.466	330	135009	83.633	ng	0.00
45) 2-Fluorobiphenyl	13.610	172	827366	80.685	ng	0.00
79) Terphenyl-d14	20.326	244	1316948	79.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	50853	37.878	ng	100
3) Pyridine	4.104	79	142202	39.918	ng	100
4) n-Nitrosodimethylamine	4.033	42	85337	38.804	ng	100
6) Aniline	7.670	93	168515	38.126	ng	100
8) 2-Chlorophenol	7.899	128	143545	39.253	ng	100
9) Benzaldehyde	7.494	77	107063	37.023	ng	100
10) Phenol	7.488	94	180834	37.876	ng	100
11) bis(2-Chloroethyl)ether	7.764	93	142026	37.253	ng	100
12) 1,3-Dichlorobenzene	8.229	146	167565	38.503	ng	100
13) 1,4-Dichlorobenzene	8.387	146	173586	39.106	ng	100
14) 1,2-Dichlorobenzene	8.704	146	171148	39.923	ng	100
15) Benzyl Alcohol	8.587	79	137107	40.397	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.869	45	353686	39.940	ng	100
17) 2-Methylphenol	8.769	107	131156	40.211	ng	100
18) Hexachloroethane	9.439	117	64351	41.411	ng	100
19) n-Nitroso-di-n-propyla...	9.163	70	127755	40.224	ng	100
20) 3+4-Methylphenols	9.098	107	177672	40.553	ng	100
22) Acetophenone	9.192	105	240411	38.791	ng	100
24) Nitrobenzene	9.592	77	169819	41.072	ng	100
25) Isophorone	10.103	82	341291	39.221	ng	100
26) 2-Nitrophenol	10.303	139	51751	39.244	ng	100
27) 2,4-Dimethylphenol	10.320	122	109766	38.078	ng	100
28) bis(2-Chloroethoxy)met...	10.590	93	204354	39.383	ng	100
29) 2,4-Dichlorophenol	10.820	162	139763	40.332	ng	100
30) 1,2,4-Trichlorobenzene	11.043	180	161646	38.277	ng	100
31) Naphthalene	11.248	128	498377	38.881	ng	100
32) Benzoic acid	10.420	122	70243	37.241	ng	100
33) 4-Chloroaniline	11.360	127	183505	40.016	ng	100
34) Hexachlorobutadiene	11.483	225	112678	38.997	ng	100
35) Caprolactam	12.153	113	46599	39.526	ng	100
36) 4-Chloro-3-methylphenol	12.429	107	159572	39.844	ng	100
37) 2-Methylnaphthalene	12.829	142	338549	39.555	ng	100
38) 1-Methylnaphthalene	13.046	142	329419	39.039	ng	100
40) 1,2,4,5-Tetrachloroben...	13.170	216	182804	40.802	ng	100
41) Hexachlorocyclopentadiene	13.129	237	65830	42.551	ng	100
43) 2,4,6-Trichlorophenol	13.411	196	110513	41.407	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.475	196	127206	42.335	ng	100
46) 1,1'-Biphenyl	13.822	154	447384	40.352	ng	100
47) 2-Chloronaphthalene	13.875	162	360318	40.085	ng	100
48) 2-Nitroaniline	14.080	65	91289	37.523	ng	100
49) Acenaphthylene	14.715	152	514311	40.118	ng	100
50) Dimethylphthalate	14.433	163	426168	40.090	ng	100
51) 2,6-Dinitrotoluene	14.562	165	73580	37.674	ng	100
52) Acenaphthene	15.050	154	325356	39.272	ng	100
53) 3-Nitroaniline	14.903	138	74251	38.083	ng	100
54) 2,4-Dinitrophenol	15.097	184	23597	39.758	ng	100
55) Dibenzofuran	15.379	168	520704	40.132	ng	100
56) 4-Nitrophenol	15.162	139	64150	37.857	ng	100
57) 2,4-Dinitrotoluene	15.344	165	92528	37.464	ng	100
58) Fluorene	16.031	166	416970	40.234	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.585	232	106881	41.320	ng	100
60) Diethylphthalate	15.778	149	439719	40.427	ng	100
61) 4-Chlorophenyl-phenyle...	16.014	204	214290	40.694	ng	100
62) 4-Nitroaniline	16.066	138	83782	39.293	ng	100
63) Azobenzene	16.307	77	426447	40.244	ng	100
65) 4,6-Dinitro-2-methylph...	16.090	198	38126	39.544	ng	100
66) n-Nitrosodiphenylamine	16.231	169	361974	39.421	ng	100
67) 4-Bromophenyl-phenylether	16.912	248	136065	39.527	ng	100
68) Hexachlorobenzene	17.001	284	152719	39.129	ng	100
69) Atrazine	17.171	200	117083	40.933	ng	100
70) Pentachlorophenol	17.353	266	93595	41.278	ng	100
71) Phenanthrene	17.782	178	650456	39.092	ng	100
72) Anthracene	17.870	178	644931	38.921	ng	100
73) Carbazole	18.146	167	595416	38.872	ng	100
74) Di-n-butylphthalate	18.669	149	739454	39.192	ng	100
75) Fluoranthene	19.774	202	787468	39.088	ng	100
77) Benzidine	19.962	184	333080	80.214	ng	100
78) Pyrene	20.138	202	804813	39.989	ng	100
80) Butylbenzylphthalate	21.019	149	307059	41.530	ng	100
81) Benzo(a)anthracene	22.059	228	799988	39.800	ng	100
82) 3,3'-Dichlorobenzidine	21.971	252	275310	41.459	ng	100
83) Chrysene	22.136	228	762986	39.603	ng	100
84) Bis(2-ethylhexyl)phtha...	21.924	149	458830	40.228	ng	100
85) Di-n-octyl phthalate	23.287	149	778943	40.770	ng	100
87) Indeno(1,2,3-cd)pyrene	29.891	276	916595m	39.990	ng	
88) Benzo(b)fluoranthene	24.527	252	808647	39.751	ng	100
89) Benzo(k)fluoranthene	24.609	252	786088	40.159	ng	100
90) Benzo(a)pyrene	25.520	252	708044	39.733	ng	100
91) Dibenzo(a,h)anthracene	29.991	278	759776	40.167	ng	100
92) Benzo(g,h,i)perylene	31.219	276	749674	39.617	ng	100

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

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