Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056479.D
Acq On : 31 Jan 2023 10:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 01:18:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	34500	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	142408	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	114265	20.000	ng		0.00
64) Phenanthrene-d10	17.635	188	285014	20.000	ng		0.00
76) Chrysene-d12	21.924	240	268172	20.000	ng		0.00
86) Perylene-d12	25.344	264	298612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	158914	84.735	ng		0.00
7) Phenol-d6	7.418	99	233347	83.975	ng		0.00
23) Nitrobenzene-d5	9.456	82	202838	80.881	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	120575	79.373	ng		0.00
45) 2-Fluorobiphenyl	13.522	172	663762	80.537	ng		0.00
79) Terphenyl-d14	20.209	244	1180676	77.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	33501	42.899	ng		97
3) Pyridine	4.022	79	103252	44.355	ng		97
4) n-Nitrosodimethylamine	3.928	42	20177	40.758	ng	#	99
6) Aniline	7.588	93	154498	42.466	ng		97
8) 2-Chlorophenol	7.835	128	82760	40.170	ng		97
9) Benzaldehyde	7.400	77	56688	47.380	ng		87
10) Phenol	7.447	94	116719	41.327	ng		98
11) bis(2-Chloroethyl)ether	7.682	93	83467	42.996	ng		94
12) 1,3-Dichlorobenzene	8.164	146	96719	40.773	ng		98
13) 1,4-Dichlorobenzene	8.311	146	97237	40.477	ng		97
14) 1,2-Dichlorobenzene	8.634	146	93965	40.315	ng		98
15) Benzyl Alcohol	8.510	79	80380	42.160	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.792	45	16755	40.735	ng		92
17) 2-Methylphenol	8.716	107	89332	41.577	ng		95
18) Hexachloroethane	9.374	117	30316	41.724	ng		96
19) n-Nitroso-di-n-propyla...	9.080	70	68361	42.689	ng		97
20) 3+4-Methylphenols	9.045	107	123652	41.066	ng		97
22) Acetophenone	9.104	105	151907	40.147	ng		97
24) Nitrobenzene	9.498	77	99848	41.277	ng		97
25) Isophorone	10.015	82	208962	40.389	ng		98
26) 2-Nitrophenol	10.214	139	59710	40.683	ng		99
27) 2,4-Dimethylphenol	10.255	122	97675	39.765	ng		96
28) bis(2-Chloroethoxy)met...	10.491	93	114967	40.224	ng		96
29) 2,4-Dichlorophenol	10.755	162	109361	39.554	ng		97
30) 1,2,4-Trichlorobenzene	10.966	180	121561	39.565	ng		99
31) Naphthalene	11.160	128	298255	39.681	ng		99
32) Benzoic acid	10.402	122	49744m	36.198	ng		
33) 4-Chloroaniline	11.266	127	141578	40.352	ng		99
34) Hexachlorobutadiene	11.436	225	84944	39.387	ng		97
35) Caprolactam	12.030	113	34982	37.516	ng		94
36) 4-Chloro-3-methylphenol	12.365	107	108429	40.609	ng		96
37) 2-Methylnaphthalene	12.747	142	246482	39.777	ng		98
38) 1-Methylnaphthalene	12.964	142	226770	39.185	ng		98
40) 1,2,4,5-Tetrachloroben...	13.105	216	169504	40.605	ng		99
41) Hexachlorocyclopentadiene	13.082	237	78546	39.039	ng		98
43) 2,4,6-Trichlorophenol	13.340	196	108598	40.369	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	125948	39.988	ng		97
46) 1,1'-Biphenyl	13.734	154	337122	40.676	ng		100
47) 2-Chloronaphthalene	13.787	162	260534	40.217	ng		99
48) 2-Nitroaniline	13.981	65	55187	41.210	ng		92
49) Acenaphthylene	14.627	152	429554	40.756	ng		99
50) Dimethylphthalate	14.339	163	364000	39.375	ng		99
51) 2,6-Dinitrotoluene	14.468	165	79113	39.243	ng		97
52) Acenaphthene	14.962	154	254301	40.687	ng		100
53) 3-Nitroaniline	14.797	138	78160	39.991	ng		94
54) 2,4-Dinitrophenol	15.009	184	48555	38.418	ng		96
55) Dibenzofuran	15.291	168	444351	39.642	ng		100
56) 4-Nitrophenol	15.097	139	52948	39.648	ng		94
57) 2,4-Dinitrotoluene	15.250	165	113259	39.885	ng		98
58) Fluorene	15.937	166	352269	39.496	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.514	232	112454	40.156	ng		98
60) Diethylphthalate	15.684	149	334940	38.585	ng		99
61) 4-Chlorophenyl-phenyle...	15.919	204	216815	39.838	ng		96
62) 4-Nitroaniline	15.961	138	77068	39.408	ng		96
63) Azobenzene	16.213	77	246825	41.324	ng		97
65) 4,6-Dinitro-2-methylph...	16.013	198	79392	39.621	ng		96
66) n-Nitrosodiphenylamine	16.131	169	323314	40.066	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	145014	39.744	ng		97
68) Hexachlorobenzene	16.942	284	141940	39.719	ng		99
69) Atrazine	17.071	200	126406	40.604	ng		99
70) Pentachlorophenol	17.283	266	79366	36.704	ng		97
71) Phenanthrene	17.676	178	587789	39.404	ng		99
72) Anthracene	17.770	178	611165	39.912	ng		100
73) Carbazole	18.035	167	515340	39.514	ng		99
74) Di-n-butylphthalate	18.563	149	535206	39.084	ng		99
75) Fluoranthene	19.668	202	744828	39.561	ng		99
77) Benzidine	19.838	184	324540	44.721	ng		98
78) Pyrene	20.032	202	749810	39.313	ng		99
80) Butylbenzylphthalate	20.884	149	232454	39.907	ng		99
81) Benzo(a)anthracene	21.901	228	748399	39.918	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	274197	40.613	ng		100
83) Chrysene	21.977	228	702997	39.912	ng		99
84) Bis(2-ethylhexyl)phtha...	21.766	149	334957	40.108	ng		100
85) Di-n-octyl phthalate	23.035	149	565808	40.683	ng		100
87) Indeno(1,2,3-cd)pyrene	29.280	276	879706	40.245	ng	#	94
88) Benzo(b)fluoranthene	24.251	252	750069	40.469	ng		99
89) Benzo(k)fluoranthene	24.321	252	754622	40.326	ng		99
90) Benzo(a)pyrene	25.185	252	736003	40.312	ng		98
91) Dibenzo(a,h)anthracene	29.345	278	734873	40.052	ng		98
92) Benzo(g,h,i)perylene	30.526	276	712308	40.234	ng		97

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

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