Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080822\
Data File : BG054547.D
Acq On : 8 Aug 2022 10:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 14:50:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.972	152	14312	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	56054	20.000	ng	#	0.00
39) Acenaphthene-d10	14.617	164	45114	20.000	ng		0.00
64) Phenanthrene-d10	17.361	188	126818	20.000	ng	#	0.00
76) Chrysene-d12	21.633	240	153677	20.000	ng	#	0.00
86) Perylene-d12	24.835	264	162387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	63484	92.613	ng		0.00
7) Phenol-d6	7.179	99	86032	91.594	ng		0.00
23) Nitrobenzene-d5	9.142	82	87686	85.188	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	70060	73.963	ng		0.00
45) 2-Fluorobiphenyl	13.237	172	250413	78.303	ng		0.00
79) Terphenyl-d14	19.970	244	642888	82.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.395	88	11673	42.804	ng	#	96
3) Pyridine	3.807	79	33947	49.070	ng		93
4) n-Nitrosodimethylamine	3.718	42	18901	48.862	ng	#	85
6) Aniline	7.297	93	49305	45.476	ng		98
8) 2-Chlorophenol	7.555	128	35359	44.886	ng		92
9) Benzaldehyde	7.109	77	24219	53.764	ng		84
10) Phenol	7.203	94	43257	46.353	ng		94
11) bis(2-Chloroethyl)ether	7.391	93	31357	46.084	ng		89
12) 1,3-Dichlorobenzene	7.867	146	43681	45.510	ng		89
13) 1,4-Dichlorobenzene	8.013	146	43937	44.328	ng		98
14) 1,2-Dichlorobenzene	8.331	146	41938	44.869	ng		99
15) Benzyl Alcohol	8.225	79	34324	44.431	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.501	45	41186	48.061	ng		89
17) 2-Methylphenol	8.448	107	30547	45.414	ng		95
18) Hexachloroethane	9.053	117	15058	45.881	ng	#	62
19) n-Nitroso-di-n-propyla...	8.783	70	27940	44.545	ng	#	95
20) 3+4-Methylphenols	8.777	107	42159	44.484	ng		92
22) Acetophenone	8.801	105	56111	41.620	ng	#	97
24) Nitrobenzene	9.183	77	42730	42.477	ng	#	86
25) Isophorone	9.706	82	73621	41.125	ng	#	93
26) 2-Nitrophenol	9.899	139	21209	41.827	ng	#	87
27) 2,4-Dimethylphenol	9.976	122	29176	41.652	ng		90
28) bis(2-Chloroethoxy)met...	10.181	93	38225	42.337	ng	#	98
29) 2,4-Dichlorophenol	10.458	162	42669	40.357	ng		87
30) 1,2,4-Trichlorobenzene	10.652	180	53514	40.868	ng		92
31) Naphthalene	10.834	128	116471	41.393	ng		100
32) Benzoic acid	10.146	122	6013m	25.841	ng		
33) 4-Chloroaniline	10.951	127	48067	42.007	ng		96
34) Hexachlorobutadiene	11.116	225	46306	40.015	ng		98
35) Caprolactam	11.727	113	11706	43.972	ng		93
36) 4-Chloro-3-methylphenol	12.109	107	39544	41.112	ng	#	85
37) 2-Methylnaphthalene	12.444	142	88308	40.868	ng		97
38) 1-Methylnaphthalene	12.661	142	84981	40.361	ng		96
40) 1,2,4,5-Tetrachloroben...	12.814	216	76867	38.890	ng	#	95
41) Hexachlorocyclopentadiene	12.790	237	11046	23.878	ng		97
43) 2,4,6-Trichlorophenol	13.066	196	40514	37.646	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	42655	35.079	ng	#	90
46) 1,1'-Biphenyl	13.448	154	123011	39.856	ng		96
47) 2-Chloronaphthalene	13.495	162	103140	39.931	ng		97
48) 2-Nitroaniline	13.701	65	30119	44.681	ng		89
49) Acenaphthylene	14.341	152	156418	40.755	ng		100
50) Dimethylphthalate	14.065	163	144358	40.966	ng		100
51) 2,6-Dinitrotoluene	14.194	165	31907	41.281	ng	#	76
52) Acenaphthene	14.682	154	94996	40.875	ng		99
53) 3-Nitroaniline	14.529	138	28326	43.819	ng		96
54) 2,4-Dinitrophenol	14.764	184	13737m	34.693	ng		
55) Dibenzofuran	15.017	168	166040	40.152	ng		95
56) 4-Nitrophenol	14.905	139	12626	29.276	ng		95
57) 2,4-Dinitrotoluene	14.993	165	47511	42.879	ng		86
58) Fluorene	15.663	166	138572	40.757	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.264	232	36295	30.658	ng	#	81
60) Diethylphthalate	15.422	149	141455	41.845	ng		96
61) 4-Chlorophenyl-phenyle...	15.646	204	89427	40.070	ng		90
62) 4-Nitroaniline	15.693	138	31882	46.945	ng		90
63) Azobenzene	15.945	77	103990	42.574	ng		87
65) 4,6-Dinitro-2-methylph...	15.769	198	27173	34.682	ng		79
66) n-Nitrosodiphenylamine	15.869	169	125363	39.594	ng		98
67) 4-Bromophenyl-phenylether	16.545	248	68241	38.314	ng	#	91
68) Hexachlorobenzene	16.680	284	79130	38.850	ng	#	90
69) Atrazine	16.815	200	59232	42.039	ng		95
70) Pentachlorophenol	17.038	266	22297m	27.827	ng		
71) Phenanthrene	17.408	178	257160	40.719	ng		98
72) Anthracene	17.496	178	255684	41.256	ng		98
73) Carbazole	17.773	167	220006	43.119	ng		98
74) Di-n-butylphthalate	18.313	149	265327	44.066	ng	#	98
75) Fluoranthene	19.418	202	359975	41.814	ng		95
77) Benzidine	19.594	184	117973	42.387	ng		98
78) Pyrene	19.782	202	364065	41.287	ng		99
80) Butylbenzylphthalate	20.652	149	119845	43.613	ng	#	86
81) Benzo(a)anthracene	21.615	228	398370	40.836	ng		99
82) 3,3'-Dichlorobenzidine	21.521	252	125425	41.341	ng	#	98
83) Chrysene	21.680	228	377023	40.907	ng		97
84) Bis(2-ethylhexyl)phtha...	21.498	149	165146	42.472	ng	#	93
85) Di-n-octyl phthalate	22.690	149	281887	42.495	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.531	276	496706	40.208	ng		99
88) Benzo(b)fluoranthene	23.818	252	396690	41.307	ng	#	97
89) Benzo(k)fluoranthene	23.883	252	384537	40.234	ng	#	98
90) Benzo(a)pyrene	24.688	252	336384	41.016	ng		99
91) Dibenzo(a,h)anthracene	28.572	278	414426	40.798	ng	#	95
92) Benzo(g,h,i)perylene	29.676	276	407628	40.658	ng	#	92

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

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