Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
Data File : BG056262.D
Acq On : 12 Jan 2023 10:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 13 04:37:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.320	152	43757	20.000	ng		0.00
21) Naphthalene-d8	11.152	136	159650	20.000	ng	#	0.00
39) Acenaphthene-d10	14.930	164	129292	20.000	ng		0.00
64) Phenanthrene-d10	17.662	188	347957	20.000	ng		0.00
76) Chrysene-d12	21.957	240	355442	20.000	ng	#	0.00
86) Perylene-d12	25.394	264	395425	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	214871	87.678	ng		0.00
7) Phenol-d6	7.450	99	296106	78.677	ng		0.00
23) Nitrobenzene-d5	9.489	82	249613	79.976	ng		0.00
42) 2,4,6-Tribromophenol	16.405	330	134873	82.367	ng		0.00
45) 2-Fluorobiphenyl	13.555	172	761672	81.350	ng		0.00
79) Terphenyl-d14	20.235	244	1552786	78.244	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.655	88	49917	44.594	ng		94
3) Pyridine	4.072	79	140841	41.310	ng	#	92
4) n-Nitrosodimethylamine	3.978	42	28311	40.822	ng		97
6) Aniline	7.627	93	191110	38.722	ng		98
8) 2-Chlorophenol	7.873	128	101811	41.748	ng		99
9) Benzaldehyde	7.444	77	79502	35.527	ng		93
10) Phenol	7.480	94	151225	39.621	ng		94
11) bis(2-Chloroethyl)ether	7.721	93	104084	40.241	ng		98
12) 1,3-Dichlorobenzene	8.208	146	124997	42.114	ng		93
13) 1,4-Dichlorobenzene	8.355	146	123836	41.549	ng		98
14) 1,2-Dichlorobenzene	8.678	146	117834	40.974	ng		96
15) Benzyl Alcohol	8.549	79	101071	36.899	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.843	45	20091m	43.956	ng		
17) 2-Methylphenol	8.743	107	108733	38.824	ng		98
18) Hexachloroethane	9.419	117	38695	42.737	ng		97
19) n-Nitroso-di-n-propyla...	9.119	70	82266	35.946	ng		98
20) 3+4-Methylphenols	9.072	107	151294	38.424	ng		95
22) Acetophenone	9.142	105	176442	39.087	ng		97
24) Nitrobenzene	9.536	77	122281	39.534	ng		100
25) Isophorone	10.053	82	243459	37.074	ng		96
26) 2-Nitrophenol	10.247	139	65487	41.381	ng		97
27) 2,4-Dimethylphenol	10.288	122	113171	39.208	ng		96
28) bis(2-Chloroethoxy)met...	10.529	93	137534	40.296	ng		99
29) 2,4-Dichlorophenol	10.782	162	129787	40.671	ng		98
30) 1,2,4-Trichlorobenzene	11.005	180	146504	40.456	ng		99
31) Naphthalene	11.199	128	341297	40.620	ng		98
32) Benzoic acid	10.406	122	83113m	38.808	ng		
33) 4-Chloroaniline	11.299	127	155419	38.743	ng		99
34) Hexachlorobutadiene	11.475	225	107349	41.216	ng		94
35) Caprolactam	12.057	113	41243	38.173	ng		93
36) 4-Chloro-3-methylphenol	12.386	107	123773	38.224	ng		98
37) 2-Methylnaphthalene	12.779	142	277046	39.051	ng		99
38) 1-Methylnaphthalene	12.997	142	255742	38.819	ng		95
40) 1,2,4,5-Tetrachloroben...	13.138	216	203616	42.019	ng		98
41) Hexachlorocyclopentadiene	13.114	237	115088	41.657	ng		96
43) 2,4,6-Trichlorophenol	13.367	196	131733	41.112	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.443	196	152518	40.238	ng		98
46) 1,1'-Biphenyl	13.766	154	383459	41.413	ng		98
47) 2-Chloronaphthalene	13.819	162	297293	40.677	ng		99
48) 2-Nitroaniline	14.007	65	65989	42.377	ng		97
49) Acenaphthylene	14.654	152	477857	40.178	ng		99
50) Dimethylphthalate	14.366	163	418758	40.122	ng		100
51) 2,6-Dinitrotoluene	14.489	165	91762	41.260	ng		94
52) Acenaphthene	14.994	154	318095	41.122	ng		97
53) 3-Nitroaniline	14.824	138	89102	42.097	ng		96
54) 2,4-Dinitrophenol	15.024	184	65656	41.324	ng	#	90
55) Dibenzofuran	15.323	168	517179	40.402	ng		98
56) 4-Nitrophenol	15.112	139	71001	43.617	ng		93
57) 2,4-Dinitrotoluene	15.276	165	128993	41.473	ng		89
58) Fluorene	15.970	166	405486	39.384	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.541	232	145162	40.787	ng		96
60) Diethylphthalate	15.717	149	394468	40.301	ng		99
61) 4-Chlorophenyl-phenyle...	15.952	204	261222	40.656	ng		98
62) 4-Nitroaniline	15.982	138	93251	43.010	ng		98
63) Azobenzene	16.246	77	305839	40.491	ng		97
65) 4,6-Dinitro-2-methylph...	16.034	198	98529	42.029	ng		95
66) n-Nitrosodiphenylamine	16.164	169	382543	39.624	ng		97
67) 4-Bromophenyl-phenylether	16.845	248	176979	39.942	ng		97
68) Hexachlorobenzene	16.969	284	163761	39.614	ng		96
69) Atrazine	17.098	200	164939	41.224	ng		96
70) Pentachlorophenol	17.309	266	132349	41.678	ng		98
71) Phenanthrene	17.709	178	726482	40.288	ng		99
72) Anthracene	17.797	178	755299	40.604	ng		100
73) Carbazole	18.061	167	658495	42.115	ng		98
74) Di-n-butylphthalate	18.590	149	687561	44.112	ng		99
75) Fluoranthene	19.695	202	991768	42.164	ng		99
77) Benzidine	19.859	184	410298	32.939	ng		99
78) Pyrene	20.053	202	1002717	40.024	ng		99
80) Butylbenzylphthalate	20.917	149	298702	41.558	ng		98
81) Benzo(a)anthracene	21.939	228	1014724	40.645	ng		99
82) 3,3'-Dichlorobenzidine	21.839	252	364988	40.613	ng		99
83) Chrysene	22.010	228	940299	40.209	ng		99
84) Bis(2-ethylhexyl)phtha...	21.804	149	437601	42.259	ng		100
85) Di-n-octyl phthalate	23.085	149	737977	42.215	ng		100
87) Indeno(1,2,3-cd)pyrene	29.366	276	1177518	40.946	ng	#	98
88) Benzo(b)fluoranthene	24.301	252	1034608	41.180	ng		100
89) Benzo(k)fluoranthene	24.372	252	996834	39.844	ng		98
90) Benzo(a)pyrene	25.235	252	1002685	40.918	ng		99
91) Dibenzo(a,h)anthracene	29.425	278	982540	40.751	ng		99
92) Benzo(g,h,i)perylene	30.611	276	959493	41.037	ng		99

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

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