Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057785.D
Acq On : 21 Jun 2023 15:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 04:43:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	40817	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	176486	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	120977	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	286689	20.000	ng	0.00
76) Chrysene-d12	21.561	240	228221	20.000	ng	0.00
86) Perylene-d12	24.716	264	288338	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	209512	79.145	ng	0.00
7) Phenol-d6	7.084	99	318929	78.959	ng	0.00
23) Nitrobenzene-d5	9.087	82	288298	83.839	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	146556	86.967	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	649642	81.449	ng	0.00
79) Terphenyl-d14	19.922	244	984847	80.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	43887	36.421	ng	97
3) Pyridine	3.793	79	140876	38.385	ng	98
4) n-Nitrosodimethylamine	3.711	42	62349	37.180	ng	95
6) Aniline	7.254	93	202110	39.079	ng	97
8) 2-Chlorophenol	7.489	128	108455	39.825	ng	98
9) Benzaldehyde	7.066	77	82652	32.543	ng	95
10) Phenol	7.113	94	155307	39.051	ng	99
11) bis(2-Chloroethyl)ether	7.348	93	118507	38.757	ng	95
12) 1,3-Dichlorobenzene	7.812	146	108508	39.152	ng	95
13) 1,4-Dichlorobenzene	7.959	146	109363	38.944	ng	98
14) 1,2-Dichlorobenzene	8.276	146	106535	39.207	ng	98
15) Benzyl Alcohol	8.159	79	120257	38.937	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.453	45	214624m	36.539	ng	
17) 2-Methylphenol	8.365	107	115697	39.554	ng	96
18) Hexachloroethane	9.011	117	39321	39.710	ng	96
19) n-Nitroso-di-n-propyla...	8.735	70	107015	38.002	ng	97
20) 3+4-Methylphenols	8.694	107	160717	39.777	ng	96
22) Acetophenone	8.746	105	196327	39.670	ng	98
24) Nitrobenzene	9.128	77	148699	41.549	ng	97
25) Isophorone	9.651	82	310971	39.583	ng	99
26) 2-Nitrophenol	9.839	139	57524	50.522	ng	97
27) 2,4-Dimethylphenol	9.898	122	112879	40.043	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	168998	39.944	ng	99
29) 2,4-Dichlorophenol	10.374	162	112770	42.127	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	120056	40.235	ng	97
31) Naphthalene	10.779	128	373981	39.815	ng	99
32) Benzoic acid	10.033	122	85428	41.161	ng	97
33) 4-Chloroaniline	10.885	127	176418	40.535	ng	98
34) Hexachlorobutadiene	11.067	225	74439	40.891	ng	98
35) Caprolactam	11.667	113	43144	39.718	ng	96
36) 4-Chloro-3-methylphenol	12.007	107	143387	41.014	ng	95
37) 2-Methylnaphthalene	12.389	142	275506	40.240	ng	97
38) 1-Methylnaphthalene	12.607	142	252911	39.132	ng	98
40) 1,2,4,5-Tetrachloroben...	12.754	216	140091	41.771	ng	99
41) Hexachlorocyclopentadiene	12.736	237	79869	44.856	ng	96
43) 2,4,6-Trichlorophenol	12.994	196	103666	43.168	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	123477	44.111	ng		97
46) 1,1'-Biphenyl	13.400	154	341440	41.104	ng		97
47) 2-Chloronaphthalene	13.441	162	262516	41.137	ng		99
48) 2-Nitroaniline	13.641	65	102405	45.156	ng		95
49) Acenaphthylene	14.287	152	450089	41.091	ng		99
50) Dimethylphthalate	14.017	163	373619	40.210	ng		98
51) 2,6-Dinitrotoluene	14.134	165	77023	45.015	ng		97
52) Acenaphthene	14.628	154	280485m	41.363	ng		
53) 3-Nitroaniline	14.463	138	85201	44.186	ng		96
54) 2,4-Dinitrophenol	14.669	184	39010	45.349	ng		99
55) Dibenzofuran	14.963	168	435752	39.965	ng		99
56) 4-Nitrophenol	14.769	139	70086	45.735	ng		95
57) 2,4-Dinitrotoluene	14.922	165	106558	45.924	ng		96
58) Fluorene	15.609	166	343105	39.753	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	102008	42.761	ng		100
60) Diethylphthalate	15.380	149	378019	39.656	ng		98
61) 4-Chlorophenyl-phenyle...	15.603	204	184341	40.168	ng		99
62) 4-Nitroaniline	15.632	138	84915	43.196	ng		97
63) Azobenzene	15.897	77	376347	38.596	ng		99
65) 4,6-Dinitro-2-methylph...	15.685	198	59056	45.191	ng		93
66) n-Nitrosodiphenylamine	15.815	169	302843	40.024	ng		98
67) 4-Bromophenyl-phenylether	16.496	248	122840	40.402	ng		96
68) Hexachlorobenzene	16.614	284	126633	40.856	ng		98
69) Atrazine	16.766	200	102951	39.636	ng		96
70) Pentachlorophenol	16.954	266	100751	43.999	ng		98
71) Phenanthrene	17.348	178	545737	39.315	ng		99
72) Anthracene	17.442	178	565011	39.862	ng		99
73) Carbazole	17.707	167	521109	39.873	ng		99
74) Di-n-butylphthalate	18.271	149	638281	41.247	ng		99
75) Fluoranthene	19.358	202	642173	38.834	ng		99
77) Benzidine	19.540	184	260215	48.641	ng		98
78) Pyrene	19.722	202	661736	40.647	ng		99
80) Butylbenzylphthalate	20.615	149	283908	45.843	ng		93
81) Benzo(a)anthracene	21.543	228	635330	40.575	ng		100
82) 3,3'-Dichlorobenzidine	21.461	252	226489	42.528	ng		99
83) Chrysene	21.608	228	610488	40.626	ng		99
84) Bis(2-ethylhexyl)phtha...	21.455	149	396804	44.130	ng		99
85) Di-n-octyl phthalate	22.648	149	721162	45.727	ng		95
87) Indeno(1,2,3-cd)pyrene	28.312	276	771458	40.922	ng	#	92
88) Benzo(b)fluoranthene	23.717	252	633988	40.124	ng		99
89) Benzo(k)fluoranthene	23.782	252	649237	40.344	ng		100
90) Benzo(a)pyrene	24.575	252	630314	40.619	ng		99
91) Dibenzo(a,h)anthracene	28.382	278	645385	41.260	ng		99
92) Benzo(g,h,i)perylene	29.440	276	641039	40.930	ng		98

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

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