Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058650.D
Acq On : 9 Aug 2023 8:20
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 09 08:53:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	51241	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	209921	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	142296	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	342160	20.000	ng		0.00
76) Chrysene-d12	21.449	240	302567	20.000	ng		0.00
86) Perylene-d12	24.516	264	382912	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	269479	80.382	ng		0.00
7) Phenol-d6	6.983	99	378505	81.139	ng		0.00
23) Nitrobenzene-d5	8.975	82	347328	81.281	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	182416	78.212	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	760736	80.117	ng		0.00
79) Terphenyl-d14	19.827	244	1316437	81.820	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	63320	38.978	ng		98
3) Pyridine	3.670	79	177114	39.990	ng		96
4) n-Nitrosodimethylamine	3.587	42	76942	41.001	ng		96
6) Aniline	7.142	93	235049	40.925	ng		100
8) 2-Chlorophenol	7.377	128	134327	40.843	ng		98
9) Benzaldehyde	6.948	77	99230	39.153	ng		100
10) Phenol	7.013	94	187874	41.229	ng		97
11) bis(2-Chloroethyl)ether	7.236	93	147887	41.166	ng		98
12) 1,3-Dichlorobenzene	7.700	146	139638	39.761	ng		100
13) 1,4-Dichlorobenzene	7.847	146	139253	39.491	ng		96
14) 1,2-Dichlorobenzene	8.164	146	132498	39.301	ng		99
15) Benzyl Alcohol	8.053	79	132647	44.838	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	241800	41.435	ng		98
17) 2-Methylphenol	8.258	107	135494	40.666	ng		99
18) Hexachloroethane	8.887	117	51263	39.997	ng		94
19) n-Nitroso-di-n-propyla...	8.617	70	123016	40.826	ng		98
20) 3+4-Methylphenols	8.587	107	188941	41.923	ng		98
22) Acetophenone	8.634	105	227537	40.481	ng	#	99
24) Nitrobenzene	9.022	77	175235	40.337	ng		99
25) Isophorone	9.539	82	353679	40.058	ng		99
26) 2-Nitrophenol	9.727	139	76895	40.663	ng		96
27) 2,4-Dimethylphenol	9.792	122	129605	41.319	ng		100
28) bis(2-Chloroethoxy)met...	10.021	93	197839	41.175	ng		99
29) 2,4-Dichlorophenol	10.268	162	132145	40.575	ng		97
30) 1,2,4-Trichlorobenzene	10.473	180	148257	39.473	ng		100
31) Naphthalene	10.661	128	437065	39.503	ng		99
32) Benzoic acid	9.950	122	90461	38.749	ng		99
33) 4-Chloroaniline	10.779	127	195568	41.836	ng		99
34) Hexachlorobutadiene	10.943	225	96093	39.727	ng		98
35) Caprolactam	11.560	113	47947	39.867	ng		92
36) 4-Chloro-3-methylphenol	11.907	107	159817	39.668	ng		99
37) 2-Methylnaphthalene	12.277	142	316265	39.961	ng		98
38) 1-Methylnaphthalene	12.500	142	297693	39.570	ng		100
40) 1,2,4,5-Tetrachloroben...	12.647	216	176613	40.428	ng		100
41) Hexachlorocyclopentadiene	12.624	237	67752	37.359	ng		98
43) 2,4,6-Trichlorophenol	12.894	196	120987	40.265	ng		97

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44) 2,4,5-Trichlorophenol	12.970	196	139739	39.483	ng	95
46) 1,1'-Biphenyl	13.294	154	393275	40.244	ng	99
47) 2-Chloronaphthalene	13.335	162	308071	40.432	ng	99
48) 2-Nitroaniline	13.546	65	123647	42.516	ng	99
49) Acenaphthylene	14.181	152	512830	40.201	ng	100
50) Dimethylphthalate	13.916	163	432899	40.508	ng	100
51) 2,6-Dinitrotoluene	14.040	165	94946	40.491	ng	95
52) Acenaphthene	14.527	154	298374	40.479	ng	98
53) 3-Nitroaniline	14.375	138	97089	41.384	ng	96
54) 2,4-Dinitrophenol	14.586	184	48713	40.889	ng	98
55) Dibenzofuran	14.862	168	507036	40.032	ng	100
56) 4-Nitrophenol	14.692	139	68105	40.874	ng	97
57) 2,4-Dinitrotoluene	14.833	165	136514	41.993	ng	96
58) Fluorene	15.509	166	403036	40.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	119741	39.649	ng	100
60) Diethylphthalate	15.279	149	443004	40.690	ng	99
61) 4-Chlorophenyl-phenyle...	15.503	204	224719	40.060	ng	99
62) 4-Nitroaniline	15.538	138	101523	45.682	ng	99
63) Azobenzene	15.796	77	439927	41.025	ng	99
65) 4,6-Dinitro-2-methylph...	15.597	198	84167	44.612	ng	99
66) n-Nitrosodiphenylamine	15.720	169	363606	40.830	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	154652	39.850	ng	97
68) Hexachlorobenzene	16.513	284	164297	39.952	ng	99
69) Atrazine	16.666	200	118186	39.313	ng	99
70) Pentachlorophenol	16.860	266	103083	41.414	ng	100
71) Phenanthrene	17.248	178	647020	39.874	ng	100
72) Anthracene	17.342	178	671556	40.334	ng	99
73) Carbazole	17.612	167	618879	42.151	ng	100
74) Di-n-butylphthalate	18.164	149	782094	42.527	ng	100
75) Fluoranthene	19.263	202	825902	42.372	ng	99
77) Benzidine	19.451	184	256548	55.915	ng	98
78) Pyrene	19.627	202	838159	40.704	ng	99
80) Butylbenzylphthalate	20.514	149	345747	40.878	ng	99
81) Benzo(a)anthracene	21.431	228	853015	40.966	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	296456	42.109	ng	97
83) Chrysene	21.496	228	820416	41.094	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	508602	41.149	ng	99
85) Di-n-octyl phthalate	22.483	149	903238	41.565	ng	100
87) Indeno(1,2,3-cd)pyrene	28.017	276	1050066	41.221	ng	100
88) Benzo(b)fluoranthene	23.546	252	848908	40.875	ng	99
89) Benzo(k)fluoranthene	23.611	252	889920	42.654	ng	99
90) Benzo(a)pyrene	24.375	252	852817	41.813	ng	100
91) Dibenzo(a,h)anthracene	28.070	278	878491	41.707	ng	99
92) Benzo(g,h,i)perylene	29.116	276	868825	41.135	ng	99

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

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