Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058801.D
Acq On : 22 Aug 2023 9:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 17:16:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152	30662	20.000	ng		0.00
21) Naphthalene-d8	10.611	136	125418	20.000	ng		0.00
39) Acenaphthene-d10	14.460	164	89825	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	208467	20.000	ng		0.00
76) Chrysene-d12	21.451	240	172227	20.000	ng		0.00
86) Perylene-d12	24.524	264	216837	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.382	112	152778	80.184	ng		0.00
7) Phenol-d6	6.980	99	222486	83.227	ng		0.00
23) Nitrobenzene-d5	8.978	82	206055	78.989	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	111143	78.912	ng		0.00
45) 2-Fluorobiphenyl	13.079	172	479374	77.621	ng		0.00
79) Terphenyl-d14	19.824	244	764861	79.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.267	88	33980	37.933	ng		94
3) Pyridine	3.666	79	93945	39.686	ng		97
4) n-Nitrosodimethylamine	3.584	42	48665	37.815	ng		90
6) Aniline	7.133	93	132986	40.696	ng		97
8) 2-Chlorophenol	7.374	128	78923	40.967	ng		96
9) Benzaldehyde	6.951	77	60425	40.297	ng		99
10) Phenol	7.010	94	107391	41.661	ng		97
11) bis(2-Chloroethyl)ether	7.233	93	81502	40.520	ng		98
12) 1,3-Dichlorobenzene	7.697	146	82429	40.281	ng		99
13) 1,4-Dichlorobenzene	7.844	146	84826	40.992	ng		96
14) 1,2-Dichlorobenzene	8.161	146	78846	39.422	ng		98
15) Benzyl Alcohol	8.049	79	81067	42.415	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.337	45	175784	41.008	ng		99
17) 2-Methylphenol	8.255	107	78689	41.562	ng		98
18) Hexachloroethane	8.884	117	31211	41.397	ng		95
19) n-Nitroso-di-n-propyla...	8.614	70	71930	41.626	ng		98
20) 3+4-Methylphenols	8.590	107	108302	42.548	ng		96
22) Acetophenone	8.637	105	137029	40.362	ng	#	96
24) Nitrobenzene	9.019	77	105623	40.710	ng		97
25) Isophorone	9.536	82	207142	39.929	ng		99
26) 2-Nitrophenol	9.724	139	46196	42.572	ng		97
27) 2,4-Dimethylphenol	9.789	122	78182	42.512	ng		97
28) bis(2-Chloroethoxy)met...	10.018	93	113037	41.135	ng		99
29) 2,4-Dichlorophenol	10.265	162	80404	42.547	ng		98
30) 1,2,4-Trichlorobenzene	10.476	180	92475	40.524	ng		97
31) Naphthalene	10.658	128	265114	40.259	ng		99
32) Benzoic acid	9.959	122	41213	37.932	ng		97
33) 4-Chloroaniline	10.776	127	118104	42.525	ng		99
34) Hexachlorobutadiene	10.940	225	63228	41.053	ng		99
35) Caprolactam	11.563	113	26454	39.066	ng		94
36) 4-Chloro-3-methylphenol	11.910	107	98334	41.843	ng		99
37) 2-Methylnaphthalene	12.274	142	195950	41.430	ng		97
38) 1-Methylnaphthalene	12.497	142	182109	40.562	ng		99
40) 1,2,4,5-Tetrachloroben...	12.650	216	111822	40.381	ng		98
41) Hexachlorocyclopentadiene	12.621	237	36870	38.924	ng		98
43) 2,4,6-Trichlorophenol	12.891	196	74452	42.253	ng		99

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44) 2,4,5-Trichlorophenol	12.973	196	87236	41.343	ng		95
46) 1,1'-Biphenyl	13.290	154	246773	39.880	ng		97
47) 2-Chloronaphthalene	13.332	162	192148	39.847	ng		99
48) 2-Nitroaniline	13.543	65	74471	40.663	ng		96
49) Acenaphthylene	14.183	152	315736	39.482	ng		98
50) Dimethylphthalate	13.919	163	266195	38.274	ng		99
51) 2,6-Dinitrotoluene	14.042	165	58964	40.355	ng		94
52) Acenaphthene	14.524	154	184761	39.537	ng		98
53) 3-Nitroaniline	14.377	138	57886	41.076	ng		99
54) 2,4-Dinitrophenol	14.595	184	22966	32.587	ng		93
55) Dibenzofuran	14.859	168	317447	39.380	ng		98
56) 4-Nitrophenol	14.695	139	33841	35.802	ng		97
57) 2,4-Dinitrotoluene	14.836	165	82559	40.510	ng	#	96
58) Fluorene	15.505	166	250116	38.987	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.088	232	71672	41.625	ng		95
60) Diethylphthalate	15.276	149	278071	38.778	ng		98
61) 4-Chlorophenyl-phenyle...	15.500	204	141496	39.792	ng		98
62) 4-Nitroaniline	15.541	138	60158	42.064	ng		95
63) Azobenzene	15.793	77	257433	39.097	ng		99
65) 4,6-Dinitro-2-methylph...	15.599	198	46948	39.842	ng		96
66) n-Nitrosodiphenylamine	15.717	169	222685	41.445	ng		97
67) 4-Bromophenyl-phenylether	16.393	248	95163	41.599	ng		99
68) Hexachlorobenzene	16.510	284	98849	40.149	ng		98
69) Atrazine	16.669	200	67489	35.493	ng		97
70) Pentachlorophenol	16.863	266	50876	39.407	ng		96
71) Phenanthrene	17.250	178	399368	39.905	ng		98
72) Anthracene	17.339	178	409335	40.781	ng		99
73) Carbazole	17.615	167	366496	39.873	ng		99
74) Di-n-butylphthalate	18.161	149	458700	39.560	ng		99
75) Fluoranthene	19.266	202	486489	39.199	ng		99
77) Benzidine	19.454	184	124670	40.390	ng		99
78) Pyrene	19.624	202	489588	40.798	ng		99
80) Butylbenzylphthalate	20.511	149	200716	41.241	ng		98
81) Benzo(a)anthracene	21.434	228	487898	40.697	ng		97
82) 3,3'-Dichlorobenzidine	21.352	252	169599	40.976	ng		99
83) Chrysene	21.493	228	466531	40.373	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	293356	41.097	ng		99
85) Di-n-octyl phthalate	22.480	149	507601	41.344	ng		100
87) Indeno(1,2,3-cd)pyrene	28.026	276	605776	41.292	ng	#	93
88) Benzo(b)fluoranthene	23.549	252	491761	40.874	ng		100
89) Benzo(k)fluoranthene	23.614	252	506635	40.832	ng		99
90) Benzo(a)pyrene	24.383	252	492598	41.582	ng		99
91) Dibenzo(a,h)anthracene	28.079	278	498065	41.316	ng		99
92) Benzo(g,h,i)perylene	29.119	276	493828	40.972	ng		97

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

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