Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
Data File : BG057553.D
Acq On : 25 May 2023 11:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: May 25 12:10:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 10:58:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.358	152	18442	20.000	ng		0.00
21) Naphthalene-d8	11.195	136	77982	20.000	ng		0.00
39) Acenaphthene-d10	14.978	164	61329	20.000	ng		0.00
64) Phenanthrene-d10	17.716	188	151850	20.000	ng		0.00
76) Chrysene-d12	22.028	240	124926	20.000	ng		0.00
86) Perylene-d12	25.535	264	134442	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.873	112	83631	77.573	ng		0.00
7) Phenol-d6	7.500	99	132622	81.009	ng		0.00
23) Nitrobenzene-d5	9.539	82	140521	75.630	ng		0.00
42) 2,4,6-Tribromophenol	16.459	330	75934	87.261	ng		0.00
45) 2-Fluorobiphenyl	13.598	172	366168	80.411	ng		0.00
79) Terphenyl-d14	20.283	244	613533	80.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.670	88	15799	35.442	ng		93
3) Pyridine	4.093	79	53474	37.328	ng		95
4) n-Nitrosodimethylamine	3.999	42	22233	33.026	ng		88
6) Aniline	7.671	93	83828	40.363	ng		98
8) 2-Chlorophenol	7.923	128	45808	40.211	ng		100
9) Benzaldehyde	7.483	77	32262	36.558	ng		95
10) Phenol	7.530	94	65232	40.875	ng		97
11) bis(2-Chloroethyl)ether	7.759	93	47605	39.558	ng		99
12) 1,3-Dichlorobenzene	8.246	146	49553	39.412	ng		93
13) 1,4-Dichlorobenzene	8.393	146	49923	39.529	ng		95
14) 1,2-Dichlorobenzene	8.716	146	48855	40.071	ng		99
15) Benzyl Alcohol	8.593	79	53771	39.426	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.869	45	57476	37.893	ng		99
17) 2-Methylphenol	8.798	107	49563	43.083	ng		98
18) Hexachloroethane	9.450	117	17647	38.719	ng		99
19) n-Nitroso-di-n-propyla...	9.157	70	49496	39.650	ng		99
20) 3+4-Methylphenols	9.127	107	67600	42.914	ng		93
22) Acetophenone	9.186	105	85012	38.089	ng	#	92
24) Nitrobenzene	9.580	77	69149	36.873	ng		95
25) Isophorone	10.103	82	136934	38.007	ng		97
26) 2-Nitrophenol	10.302	139	29744	41.436	ng		91
27) 2,4-Dimethylphenol	10.343	122	52545	41.804	ng		96
28) bis(2-Chloroethoxy)met...	10.573	93	68861	38.151	ng		97
29) 2,4-Dichlorophenol	10.843	162	56533	42.406	ng		98
30) 1,2,4-Trichlorobenzene	11.054	180	57988	37.712	ng		99
31) Naphthalene	11.248	128	168072	40.315	ng		100
32) Benzoic acid	10.496	122	24956	35.765	ng		92
33) 4-Chloroaniline	11.354	127	78884	42.134	ng		96
34) Hexachlorobutadiene	11.512	225	41733	36.577	ng		99
35) Caprolactam	12.129	113	19898	43.695	ng		92
36) 4-Chloro-3-methylphenol	12.452	107	65907	43.503	ng		99
37) 2-Methylnaphthalene	12.828	142	135302	41.278	ng		97
38) 1-Methylnaphthalene	13.046	142	128031	41.440	ng		97
40) 1,2,4,5-Tetrachloroben...	13.187	216	87892	40.369	ng		97
41) Hexachlorocyclopentadiene	13.157	237	37307	39.138	ng		98
43) 2,4,6-Trichlorophenol	13.427	196	54428	41.033	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.510	196	63489	40.691	ng		96
46) 1,1'-Biphenyl	13.809	154	186281	40.933	ng		99
47) 2-Chloronaphthalene	13.868	162	138807	41.017	ng		98
48) 2-Nitroaniline	14.062	65	47420	41.211	ng		93
49) Acenaphthylene	14.702	152	230990	42.014	ng		100
50) Dimethylphthalate	14.414	163	200873	39.858	ng		99
51) 2,6-Dinitrotoluene	14.544	165	44183	42.938	ng		87
52) Acenaphthene	15.043	154	140929	41.021	ng		98
53) 3-Nitroaniline	14.884	138	43503	42.201	ng		88
54) 2,4-Dinitrophenol	15.102	184	22348	37.831	ng		91
55) Dibenzofuran	15.372	168	238872	41.382	ng		98
56) 4-Nitrophenol	15.196	139	26121	38.098	ng		88
57) 2,4-Dinitrotoluene	15.337	165	61798	42.022	ng	#	89
58) Fluorene	16.018	166	197958	41.635	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.601	232	56302	39.801	ng		99
60) Diethylphthalate	15.754	149	200271	39.130	ng		99
61) 4-Chlorophenyl-phenyle...	15.995	204	113973	39.791	ng		95
62) 4-Nitroaniline	16.042	138	43983	42.293	ng		86
63) Azobenzene	16.288	77	186830	37.834	ng		95
65) 4,6-Dinitro-2-methylph...	16.106	198	37461	41.320	ng		94
66) n-Nitrosodiphenylamine	16.212	169	172449	41.813	ng		99
67) 4-Bromophenyl-phenylether	16.887	248	76574	41.309	ng		99
68) Hexachlorobenzene	17.023	284	76203	42.302	ng		97
69) Atrazine	17.140	200	64126	40.760	ng		98
70) Pentachlorophenol	17.375	266	41183	39.669	ng		97
71) Phenanthrene	17.757	178	318043	40.874	ng		100
72) Anthracene	17.851	178	326305	40.870	ng		98
73) Carbazole	18.115	167	277339	41.262	ng		99
74) Di-n-butylphthalate	18.632	149	318085	41.131	ng	#	98
75) Fluoranthene	19.748	202	377720	39.030	ng		98
77) Benzidine	19.913	184	98846	35.392	ng		99
78) Pyrene	20.107	202	376934	41.522	ng		99
80) Butylbenzylphthalate	20.958	149	132845	46.121	ng		95
81) Benzo(a)anthracene	22.004	228	352464	39.600	ng		100
82) 3,3'-Dichlorobenzidine	21.898	252	115188	40.404	ng		100
83) Chrysene	22.080	228	334981	40.001	ng		99
84) Bis(2-ethylhexyl)phtha...	21.845	149	183128	42.971	ng		99
85) Di-n-octyl phthalate	23.132	149	305760	43.036	ng		98
87) Indeno(1,2,3-cd)pyrene	29.588	276	387258	39.523	ng	#	99
88) Benzo(b)fluoranthene	24.413	252	334299	38.039	ng		99
89) Benzo(k)fluoranthene	24.483	252	342031	38.299	ng		99
90) Benzo(a)pyrene	25.370	252	329147	38.336	ng		97
91) Dibenzo(a,h)anthracene	29.653	278	323609	39.658	ng	#	98
92) Benzo(g,h,i)perylene	30.874	276	315464	39.593	ng		98

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

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