Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
Data File : BG058569.D
Acq On : 2 Aug 2023 8:34
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 02 09:07:57 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	7.814	152	39596	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	168505	20.000	ng		0.00
39) Acenaphthene-d10	14.465	164	117751	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	312836	20.000	ng		0.00
76) Chrysene-d12	21.457	240	298102	20.000	ng		0.00
86) Perylene-d12	24.529	264	377370	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	207786	80.208	ng		0.00
7) Phenol-d6	6.991	99	293018	81.286	ng		0.00
23) Nitrobenzene-d5	8.983	82	266919	77.817	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	153994	79.789	ng		0.00
45) 2-Fluorobiphenyl	13.084	172	598032	76.110	ng		0.00
79) Terphenyl-d14	19.829	244	1217990	76.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	48876	38.935	ng		99
3) Pyridine	3.666	79	136868	39.991	ng		97
4) n-Nitrosodimethylamine	3.589	42	57109	39.383	ng		99
6) Aniline	7.144	93	183137	41.264	ng		100
8) 2-Chlorophenol	7.379	128	103394	40.683	ng		98
9) Benzaldehyde	6.956	77	71776	36.649	ng		97
10) Phenol	7.015	94	142803	40.554	ng		97
11) bis(2-Chloroethyl)ether	7.238	93	114717	41.324	ng		98
12) 1,3-Dichlorobenzene	7.702	146	106153	39.116	ng		98
13) 1,4-Dichlorobenzene	7.849	146	107266	39.366	ng		94
14) 1,2-Dichlorobenzene	8.166	146	103597	39.766	ng		99
15) Benzyl Alcohol	8.055	79	97870	42.812	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.343	45	181299	40.205	ng		99
17) 2-Methylphenol	8.266	107	103186	40.077	ng		98
18) Hexachloroethane	8.895	117	39001	39.379	ng		93
19) n-Nitroso-di-n-propyla...	8.619	70	95011	40.805	ng		98
20) 3+4-Methylphenols	8.595	107	145841	41.876	ng		98
22) Acetophenone	8.636	105	177466	39.333	ng	#	98
24) Nitrobenzene	9.024	77	134343	38.525	ng		97
25) Isophorone	9.541	82	275042	38.808	ng		99
26) 2-Nitrophenol	9.735	139	58471	38.520	ng		95
27) 2,4-Dimethylphenol	9.794	122	99853	39.658	ng		97
28) bis(2-Chloroethoxy)met...	10.029	93	151286	39.225	ng		99
29) 2,4-Dichlorophenol	10.270	162	101280	38.741	ng		98
30) 1,2,4-Trichlorobenzene	10.481	180	116728	38.717	ng		98
31) Naphthalene	10.669	128	342457	38.560	ng		99
32) Benzoic acid	9.941	122	70155	37.591	ng		98
33) 4-Chloroaniline	10.781	127	152612	40.671	ng		98
34) Hexachlorobutadiene	10.945	225	72896	37.544	ng		97
35) Caprolactam	11.556	113	42280	43.796	ng		92
36) 4-Chloro-3-methylphenol	11.915	107	125079	38.677	ng		99
37) 2-Methylnaphthalene	12.279	142	242924	38.239	ng		99
38) 1-Methylnaphthalene	12.502	142	231936	38.407	ng		98
40) 1,2,4,5-Tetrachloroben...	12.655	216	135803	37.566	ng		99
41) Hexachlorocyclopentadiene	12.626	237	50057	34.086	ng		96
43) 2,4,6-Trichlorophenol	12.896	196	94628	38.057	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	110594	37.762	ng	98
46) 1,1'-Biphenyl	13.296	154	307161	37.984	ng	99
47) 2-Chloronaphthalene	13.337	162	238716	37.861	ng	99
48) 2-Nitroaniline	13.548	65	95754	39.788	ng	98
49) Acenaphthylene	14.189	152	404934	38.360	ng	99
50) Dimethylphthalate	13.924	163	350648	39.651	ng	99
51) 2,6-Dinitrotoluene	14.048	165	76784	39.571	ng	99
52) Acenaphthene	14.529	154	234797	38.494	ng	99
53) 3-Nitroaniline	14.377	138	83657	43.092	ng	99
54) 2,4-Dinitrophenol	14.588	184	40316	40.894	ng	95
55) Dibenzofuran	14.864	168	405061	38.647	ng	100
56) 4-Nitrophenol	14.694	139	61172	44.081	ng	98
57) 2,4-Dinitrotoluene	14.835	165	114051	42.396	ng	93
58) Fluorene	15.511	166	326199	39.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	96734	38.707	ng	99
60) Diethylphthalate	15.281	149	378266	41.987	ng	99
61) 4-Chlorophenyl-phenyle...	15.505	204	179282	38.622	ng	99
62) 4-Nitroaniline	15.540	138	89643	48.744	ng	96
63) Azobenzene	15.799	77	354130	39.908	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	72155	41.830	ng	98
66) n-Nitrosodiphenylamine	15.722	169	297828	36.578	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	126728	35.716	ng	96
68) Hexachlorobenzene	16.515	284	133715	35.563	ng	98
69) Atrazine	16.674	200	115486	42.016	ng	99
70) Pentachlorophenol	16.868	266	92801	40.778	ng	98
71) Phenanthrene	17.250	178	564366	38.040	ng	99
72) Anthracene	17.344	178	581313	38.187	ng	99
73) Carbazole	17.620	167	561088	41.797	ng	100
74) Di-n-butylphthalate	18.172	149	742597	44.165	ng	100
75) Fluoranthene	19.265	202	760103	42.651	ng	99
77) Benzidine	19.453	184	251279	55.587	ng	98
78) Pyrene	19.629	202	782752	38.583	ng	98
80) Butylbenzylphthalate	20.517	149	330846	39.702	ng	99
81) Benzo(a)anthracene	21.433	228	790813	38.548	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	283204	40.829	ng	99
83) Chrysene	21.498	228	756190	38.444	ng	98
84) Bis(2-ethylhexyl)phtha...	21.339	149	482947	39.658	ng	99
85) Di-n-octyl phthalate	22.491	149	857091	40.033	ng	100
87) Indeno(1,2,3-cd)pyrene	28.037	276	970462	38.656	ng	99
88) Benzo(b)fluoranthene	23.554	252	796434	38.912	ng	100
89) Benzo(k)fluoranthene	23.619	252	805706	39.185	ng	100
90) Benzo(a)pyrene	24.383	252	787408	39.173	ng	98
91) Dibenzo(a,h)anthracene	28.084	278	803621	38.713	ng	100
92) Benzo(g,h,i)perylene	29.130	276	807782	38.806	ng	97

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

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