Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
Data File : BG058634.D
Acq On : 8 Aug 2023 8:50
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 09 04:05:53 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	50043	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	213371	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	155838	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	380055	20.000	ng	0.00
76) Chrysene-d12	21.449	240	331565	20.000	ng	0.00
86) Perylene-d12	24.522	264	426338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	247092	75.469	ng	0.00
7) Phenol-d6	6.984	99	368623	80.912	ng	0.00
23) Nitrobenzene-d5	8.976	82	338152	77.854	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	193436	75.730	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	762940	73.367	ng	0.00
79) Terphenyl-d14	19.828	244	1357138	76.972	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	56634	35.697	ng	99
3) Pyridine	3.664	79	166309	38.449	ng	97
4) n-Nitrosodimethylamine	3.582	42	71418	38.969	ng	97
6) Aniline	7.137	93	229831	40.974	ng	99
8) 2-Chlorophenol	7.378	128	127970	39.842	ng	96
9) Benzaldehyde	6.955	77	90379	36.514	ng	99
10) Phenol	7.013	94	180179	40.487	ng	97
11) bis(2-Chloroethyl)ether	7.237	93	137583	39.214	ng	97
12) 1,3-Dichlorobenzene	7.701	146	131674	38.391	ng	98
13) 1,4-Dichlorobenzene	7.848	146	131140	38.080	ng	96
14) 1,2-Dichlorobenzene	8.165	146	126836	38.522	ng	98
15) Benzyl Alcohol	8.053	79	128671	44.535	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	227856	39.981	ng	100
17) 2-Methylphenol	8.259	107	129403	39.767	ng	98
18) Hexachloroethane	8.888	117	48277	38.569	ng	90
19) n-Nitroso-di-n-propyla...	8.617	70	120014	40.783	ng	98
20) 3+4-Methylphenols	8.588	107	182136	41.380	ng	98
22) Acetophenone	8.635	105	224280	39.256	ng	100
24) Nitrobenzene	9.017	77	169565	38.401	ng	97
25) Isophorone	9.540	82	351461	39.163	ng	99
26) 2-Nitrophenol	9.728	139	75336	39.194	ng	98
27) 2,4-Dimethylphenol	9.793	122	124414	39.022	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	195406	40.011	ng	97
29) 2,4-Dichlorophenol	10.268	162	128960	38.956	ng	99
30) 1,2,4-Trichlorobenzene	10.480	180	144751	37.916	ng	100
31) Naphthalene	10.662	128	432235	38.435	ng	99
32) Benzoic acid	9.945	122	88624	37.513	ng	97
33) 4-Chloroaniline	10.780	127	198739	41.827	ng	98
34) Hexachlorobutadiene	10.944	225	90974	37.003	ng	100
35) Caprolactam	11.561	113	51140	41.834	ng	98
36) 4-Chloro-3-methylphenol	11.914	107	163458	39.916	ng	98
37) 2-Methylnaphthalene	12.278	142	316625	39.360	ng	100
38) 1-Methylnaphthalene	12.501	142	297725	38.935	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	172889	36.136	ng	99
41) Hexachlorocyclopentadiene	12.624	237	65357	33.719	ng	97
43) 2,4,6-Trichlorophenol	12.895	196	122245	37.148	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	145537	37.548	ng		97
46) 1,1'-Biphenyl	13.294	154	395389	36.945	ng		99
47) 2-Chloronaphthalene	13.335	162	306778	36.764	ng		98
48) 2-Nitroaniline	13.547	65	125224	39.316	ng		95
49) Acenaphthylene	14.181	152	525824	37.638	ng		99
50) Dimethylphthalate	13.923	163	452851	38.693	ng		99
51) 2,6-Dinitrotoluene	14.040	165	100544	39.152	ng		98
52) Acenaphthene	14.528	154	302821	37.513	ng		97
53) 3-Nitroaniline	14.375	138	103832	40.413	ng		99
54) 2,4-Dinitrophenol	14.587	184	52438	40.319	ng		94
55) Dibenzofuran	14.863	168	519929	37.483	ng		99
56) 4-Nitrophenol	14.693	139	72084	39.614	ng		98
57) 2,4-Dinitrotoluene	14.834	165	143117	40.199	ng		96
58) Fluorene	15.509	166	415231	37.682	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	125246	37.868	ng		100
60) Diethylphthalate	15.280	149	469563	39.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.503	204	233062	37.937	ng		98
62) 4-Nitroaniline	15.545	138	104663	43.002	ng		94
63) Azobenzene	15.797	77	450194	38.334	ng		99
65) 4,6-Dinitro-2-methylph...	15.603	198	87129	41.577	ng		96
66) n-Nitrosodiphenylamine	15.721	169	376943	38.107	ng		99
67) 4-Bromophenyl-phenylether	16.397	248	162703	37.745	ng		99
68) Hexachlorobenzene	16.514	284	170799	37.392	ng		99
69) Atrazine	16.667	200	131235	39.301	ng		99
70) Pentachlorophenol	16.861	266	108710	39.320	ng		100
71) Phenanthrene	17.248	178	683351	37.914	ng		99
72) Anthracene	17.342	178	699117	37.802	ng		99
73) Carbazole	17.613	167	649363	39.818	ng		99
74) Di-n-butylphthalate	18.165	149	824140	40.345	ng		100
75) Fluoranthene	19.264	202	851185	39.315	ng		100
77) Benzidine	19.452	184	283864	56.458	ng		99
78) Pyrene	19.628	202	863042	38.247	ng		99
80) Butylbenzylphthalate	20.515	149	358169	38.643	ng		97
81) Benzo(a)anthracene	21.432	228	882251	38.665	ng		100
82) 3,3'-Dichlorobenzidine	21.355	252	310509	40.248	ng		99
83) Chrysene	21.496	228	837791	38.294	ng		100
84) Bis(2-ethylhexyl)phtha...	21.338	149	525329	38.785	ng		99
85) Di-n-octyl phthalate	22.489	149	936284	39.318	ng		100
87) Indeno(1,2,3-cd)pyrene	28.024	276	1098079	38.715	ng	#	81
88) Benzo(b)fluoranthene	23.547	252	906127	39.186	ng		98
89) Benzo(k)fluoranthene	23.612	252	891590	38.381	ng		99
90) Benzo(a)pyrene	24.381	252	888138	39.110	ng		99
91) Dibenzo(a,h)anthracene	28.071	278	912421	38.906	ng		99
92) Benzo(g,h,i)perylene	29.117	276	912839	38.817	ng		98

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

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