Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
Data File : BG060978.D
Acq On : 20 Apr 2024 21:45
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Apr 22 04:18:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:10:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	21879	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	82102	20.000	ng	#	0.00
39) Acenaphthene-d10	14.574	164	71525	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	176541	20.000	ng		0.00
76) Chrysene-d12	21.584	240	177579	20.000	ng		0.00
86) Perylene-d12	24.698	264	211557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	162291	150.041	ng		0.00
7) Phenol-d6	7.113	99	249730	155.608	ng		0.00
23) Nitrobenzene-d5	9.104	82	291232	159.372	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	244185	155.469	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	829485	160.506	ng		0.00
79) Terphenyl-d14	19.945	244	1760153	153.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	26756	71.474	ng		97
3) Pyridine	3.834	79	87425	75.553	ng		98
4) n-Nitrosodimethylamine	3.752	42	77935	74.886	ng	#	96
6) Aniline	7.271	93	145796	75.587	ng		97
8) 2-Chlorophenol	7.512	128	103615	76.881	ng		98
9) Benzaldehyde	7.083	77	58008	70.270	ng		96
10) Phenol	7.142	94	122844	77.043	ng		98
11) bis(2-Chloroethyl)ether	7.365	93	87056	76.313	ng		98
12) 1,3-Dichlorobenzene	7.835	146	113651	76.043	ng		98
13) 1,4-Dichlorobenzene	7.976	146	114739	74.532	ng		98
14) 1,2-Dichlorobenzene	8.294	146	115583	76.824	ng		94
15) Benzyl Alcohol	8.176	79	117145	77.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.476	45	189523	76.301	ng		98
17) 2-Methylphenol	8.382	107	100283	77.892	ng		96
18) Hexachloroethane	9.022	117	43306	78.069	ng		86
19) n-Nitroso-di-n-propyla...	8.752	70	90198	75.415	ng		96
20) 3+4-Methylphenols	8.717	107	135436	75.219	ng		96
22) Acetophenone	8.764	105	177158	77.275	ng	#	99
24) Nitrobenzene	9.140	77	140169	79.825	ng		97
25) Isophorone	9.668	82	235083	76.870	ng		99
26) 2-Nitrophenol	9.851	139	64735	78.441	ng		99
27) 2,4-Dimethylphenol	9.915	122	103658	78.364	ng		96
28) bis(2-Chloroethoxy)met...	10.150	93	126201	78.447	ng		92
29) 2,4-Dichlorophenol	10.391	162	119144	78.041	ng		93
30) 1,2,4-Trichlorobenzene	10.603	180	132654	78.752	ng		96
31) Naphthalene	10.791	128	347444	77.298	ng		97
32) Benzoic acid	10.092	122	87134	86.512	ng	#	87
33) 4-Chloroaniline	10.891	127	156744	76.766	ng		96
34) Hexachlorobutadiene	11.079	225	116336	78.532	ng		96
35) Caprolactam	11.690	113	37317	76.741	ng	#	85
36) 4-Chloro-3-methylphenol	12.025	107	135311	75.993	ng		97
37) 2-Methylnaphthalene	12.395	142	270582	76.562	ng		99
38) 1-Methylnaphthalene	12.612	142	256520	77.781	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	207238	81.532	ng		100
41) Hexachlorocyclopentadiene	12.747	237	129909	86.860	ng		96
43) 2,4,6-Trichlorophenol	13.000	196	130558	78.138	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	155332	78.591	ng		97
46) 1,1'-Biphenyl	13.405	154	386574	80.238	ng		95
47) 2-Chloronaphthalene	13.446	162	295957	80.118	ng		96
48) 2-Nitroaniline	13.646	65	115575	77.523	ng		93
49) Acenaphthylene	14.298	152	495775	79.690	ng		100
50) Dimethylphthalate	14.034	163	453003	76.806	ng		100
51) 2,6-Dinitrotoluene	14.146	165	93823	76.238	ng		99
52) Acenaphthene	14.639	154	295275	78.110	ng		97
53) 3-Nitroaniline	14.475	138	90005	74.170	ng		99
54) 2,4-Dinitrophenol	14.680	184	62811	78.457	ng		96
55) Dibenzofuran	14.974	168	503160	77.080	ng		99
56) 4-Nitrophenol	14.786	139	72042	82.867	ng		98
57) 2,4-Dinitrotoluene	14.939	165	135631	76.522	ng		96
58) Fluorene	15.620	166	428076	77.694	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	153044	76.570	ng		100
60) Diethylphthalate	15.397	149	443319	76.323	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	260739	76.731	ng		98
62) 4-Nitroaniline	15.644	138	96780	73.964	ng		94
63) Azobenzene	15.914	77	361723	76.565	ng		96
65) 4,6-Dinitro-2-methylph...	15.703	198	94195	86.411	ng		98
66) n-Nitrosodiphenylamine	15.832	169	391244	80.440	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	190601	81.806	ng		97
68) Hexachlorobenzene	16.625	284	210969	81.976	ng		97
69) Atrazine	16.784	200	125244	68.802	ng		97
70) Pentachlorophenol	16.972	266	146908	87.054	ng		95
71) Phenanthrene	17.365	178	709349	78.718	ng		99
72) Anthracene	17.453	178	732429	78.919	ng		99
73) Carbazole	17.724	167	600692	77.934	ng		99
74) Di-n-butylphthalate	18.294	149	730306	78.042	ng		99
75) Fluoranthene	19.375	202	926903	77.506	ng		98
77) Benzidine	19.551	184	235105	71.453	ng		98
78) Pyrene	19.733	202	942144	77.919	ng		99
80) Butylbenzylphthalate	20.632	149	315278	78.230	ng		96
81) Benzo(a)anthracene	21.560	228	996049	79.780	ng		97
82) 3,3'-Dichlorobenzidine	21.478	252	351358	77.872	ng	#	98
83) Chrysene	21.631	228	937716	78.888	ng		99
84) Bis(2-ethylhexyl)phtha...	21.490	149	469334	80.101	ng		98
85) Di-n-octyl phthalate	22.677	149	779276	80.108	ng		99
87) Indeno(1,2,3-cd)pyrene	28.264	276	1208152	82.519	ng		99
88) Benzo(b)fluoranthene	23.723	252	958916	79.984	ng		100
89) Benzo(k)fluoranthene	23.787	252	964854	79.652	ng		98
90) Benzo(a)pyrene	24.563	252	927945	79.966	ng		100
91) Dibenzo(a,h)anthracene	28.329	278	1001490	83.525	ng		100
92) Benzo(g,h,i)perylene	29.375	276	976800	82.162	ng		96

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

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