Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
Data File : BG061003.D
Acq On : 23 Apr 2024 11:25
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 23 12:59:01 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 04:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	21659	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	87172	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	74945	20.000	ng		0.00
64) Phenanthrene-d10	17.320	188	195304	20.000	ng		0.00
76) Chrysene-d12	21.580	240	182993	20.000	ng		0.00
86) Perylene-d12	24.712	264	219697	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	79698	74.431	ng		0.00
7) Phenol-d6	7.109	99	122127	76.871	ng		0.00
23) Nitrobenzene-d5	9.095	82	139992	72.153	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	128827	78.279	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	426878	78.832	ng		0.00
79) Terphenyl-d14	19.941	244	939691	79.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	13137	35.450	ng		95
3) Pyridine	3.836	79	39934	34.862	ng		90
4) n-Nitrosodimethylamine	3.748	42	35223	34.189	ng		99
6) Aniline	7.267	93	74012	38.761	ng		97
8) 2-Chlorophenol	7.508	128	52790	39.568	ng		99
9) Benzaldehyde	7.079	77	31216	38.199	ng		96
10) Phenol	7.132	94	59066	37.420	ng		98
11) bis(2-Chloroethyl)ether	7.361	93	42196	37.365	ng		96
12) 1,3-Dichlorobenzene	7.832	146	57492	38.858	ng		95
13) 1,4-Dichlorobenzene	7.978	146	59661	39.148	ng		94
14) 1,2-Dichlorobenzene	8.296	146	58748	39.444	ng		92
15) Benzyl Alcohol	8.178	79	57236	38.156	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.466	45	88558	36.023	ng		98
17) 2-Methylphenol	8.384	107	48885	38.356	ng		97
18) Hexachloroethane	9.018	117	20670	37.641	ng		96
19) n-Nitroso-di-n-propyla...	8.742	70	43826	37.015	ng		91
20) 3+4-Methylphenols	8.713	107	66010	37.033	ng		95
22) Acetophenone	8.760	105	88754	36.462	ng		96
24) Nitrobenzene	9.142	77	65320	35.036	ng		98
25) Isophorone	9.659	82	115745	35.646	ng		98
26) 2-Nitrophenol	9.853	139	32826	37.463	ng		94
27) 2,4-Dimethylphenol	9.911	122	52215	37.178	ng		99
28) bis(2-Chloroethoxy)met...	10.146	93	64371	37.686	ng		96
29) 2,4-Dichlorophenol	10.387	162	61526	37.957	ng		98
30) 1,2,4-Trichlorobenzene	10.605	180	70489	39.413	ng		94
31) Naphthalene	10.787	128	180525	37.826	ng		97
32) Benzoic acid	10.052	122	44052	41.166	ng		97
33) 4-Chloroaniline	10.893	127	79574	36.705	ng		98
34) Hexachlorobutadiene	11.075	225	62499	39.736	ng		93
35) Caprolactam	11.662	113	19265	37.313	ng	#	83
36) 4-Chloro-3-methylphenol	12.021	107	71479	37.809	ng		96
37) 2-Methylnaphthalene	12.397	142	141840	37.800	ng		100
38) 1-Methylnaphthalene	12.614	142	133087	38.007	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.767	216	108186	40.620	ng		99
41) Hexachlorocyclopentadiene	12.749	237	62352	39.787	ng		96
43) 2,4,6-Trichlorophenol	13.002	196	69003	39.413	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	81362	39.287	ng		98
46) 1,1'-Biphenyl	13.407	154	198550	39.331	ng		97
47) 2-Chloronaphthalene	13.448	162	153795	39.734	ng		95
48) 2-Nitroaniline	13.642	65	59686	38.208	ng		90
49) Acenaphthylene	14.295	152	252490	38.733	ng		100
50) Dimethylphthalate	14.030	163	240214	38.869	ng		98
51) 2,6-Dinitrotoluene	14.148	165	49383	38.296	ng		94
52) Acenaphthene	14.635	154	153962	38.870	ng		97
53) 3-Nitroaniline	14.471	138	46985	36.952	ng		98
54) 2,4-Dinitrophenol	14.682	184	29233	37.941	ng		99
55) Dibenzofuran	14.976	168	262120	38.322	ng		99
56) 4-Nitrophenol	14.788	139	36505	40.074	ng		92
57) 2,4-Dinitrotoluene	14.935	165	72036	38.788	ng	#	96
58) Fluorene	15.622	166	222037	38.460	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.205	232	82012	39.237	ng		99
60) Diethylphthalate	15.399	149	235278	38.658	ng		96
61) 4-Chlorophenyl-phenyle...	15.617	204	136839	38.432	ng		98
62) 4-Nitroaniline	15.640	138	52411	38.227	ng		99
63) Azobenzene	15.910	77	186588	37.692	ng		96
65) 4,6-Dinitro-2-methylph...	15.699	198	45943	38.097	ng		98
66) n-Nitrosodiphenylamine	15.834	169	207016	38.474	ng		98
67) 4-Bromophenyl-phenylether	16.515	248	98476	38.206	ng		98
68) Hexachlorobenzene	16.627	284	110299	38.741	ng		96
69) Atrazine	16.786	200	80316	39.882	ng		99
70) Pentachlorophenol	16.974	266	74638	39.980	ng		97
71) Phenanthrene	17.367	178	374335	37.550	ng		99
72) Anthracene	17.456	178	386422	37.637	ng		98
73) Carbazole	17.726	167	325301	38.150	ng		99
74) Di-n-butylphthalate	18.296	149	388772	37.554	ng		99
75) Fluoranthene	19.377	202	487902	36.878	ng		100
77) Benzidine	19.553	184	163491	48.218	ng		99
78) Pyrene	19.741	202	490495	39.366	ng		99
80) Butylbenzylphthalate	20.634	149	157459	37.915	ng		97
81) Benzo(a)anthracene	21.562	228	492668	38.294	ng		96
82) 3,3'-Dichlorobenzidine	21.480	252	178547	38.401	ng	#	98
83) Chrysene	21.627	228	464060	37.886	ng		98
84) Bis(2-ethylhexyl)phtha...	21.486	149	225038	37.271	ng		100
85) Di-n-octyl phthalate	22.673	149	375261	37.435	ng		99
87) Indeno(1,2,3-cd)pyrene	28.266	276	583708	38.300	ng		100
88) Benzo(b)fluoranthene	23.725	252	473582	38.038	ng		98
89) Benzo(k)fluoranthene	23.789	252	476868	37.942	ng		96
90) Benzo(a)pyrene	24.565	252	464987	38.586	ng		98
91) Dibenzo(a,h)anthracene	28.325	278	482706	38.766	ng		100
92) Benzo(g,h,i)perylene	29.371	276	475598	38.522	ng		99

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

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