Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
Data File : BG060837.D
Acq On : 9 Apr 2024 9:31
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 10:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	56097	20.000	ng		-0.01
21) Naphthalene-d8	10.747	136	221423	20.000	ng		-0.01
39) Acenaphthene-d10	14.578	164	169239	20.000	ng		-0.01
64) Phenanthrene-d10	17.327	188	407358	20.000	ng		-0.01
76) Chrysene-d12	21.587	240	408995	20.000	ng		-0.02
86) Perylene-d12	24.719	264	484495	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	253642	75.323	ng		0.00
7) Phenol-d6	7.110	99	370532	74.129	ng		0.00
23) Nitrobenzene-d5	9.102	82	354514	91.360	ng		-0.01
42) 2,4,6-Tribromophenol	16.070	330	198845	103.504	ng		0.00
45) 2-Fluorobiphenyl	13.203	172	933356	80.940	ng		-0.02
79) Terphenyl-d14	19.948	244	1763059	75.904	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	53484	38.739	ng		97
3) Pyridine	3.849	79	153128	36.770	ng		88
4) n-Nitrosodimethylamine	3.761	42	98127	39.420	ng		91
6) Aniline	7.274	93	219419	34.761	ng		96
8) 2-Chlorophenol	7.515	128	141923	37.176	ng		98
9) Benzaldehyde	7.086	77	96208m	34.905	ng		
10) Phenol	7.139	94	186971	36.652	ng		95
11) bis(2-Chloroethyl)ether	7.374	93	141126	34.265	ng		100
12) 1,3-Dichlorobenzene	7.838	146	151109	38.063	ng		96
13) 1,4-Dichlorobenzene	7.985	146	151995	37.527	ng		97
14) 1,2-Dichlorobenzene	8.303	146	148135	37.321	ng		97
15) Benzyl Alcohol	8.185	79	146075	36.078	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.485	45	319890	34.416	ng		98
17) 2-Methylphenol	8.385	107	136629	35.479	ng		99
18) Hexachloroethane	9.031	117	52722	36.651	ng		88
19) n-Nitroso-di-n-propyla...	8.755	70	126080	33.076	ng	#	98
20) 3+4-Methylphenols	8.714	107	182129	34.537	ng		94
22) Acetophenone	8.767	105	231296	37.884	ng	#	97
24) Nitrobenzene	9.143	77	174888	40.923	ng		97
25) Isophorone	9.672	82	325688	36.440	ng		99
26) 2-Nitrophenol	9.854	139	70797	47.035	ng		92
27) 2,4-Dimethylphenol	9.918	122	132986	37.041	ng		99
28) bis(2-Chloroethoxy)met...	10.153	93	193079	36.591	ng		96
29) 2,4-Dichlorophenol	10.388	162	140828	42.715	ng		97
30) 1,2,4-Trichlorobenzene	10.606	180	154135	41.287	ng		94
31) Naphthalene	10.794	128	462377	38.603	ng		100
32) Benzoic acid	10.042	122	96610	41.520	ng		94
33) 4-Chloroaniline	10.900	127	211590	38.033	ng		99
34) Hexachlorobutadiene	11.088	225	108399	43.568	ng		99
35) Caprolactam	11.663	113	51043	39.090	ng		95
36) 4-Chloro-3-methylphenol	12.022	107	168904	40.104	ng		99
37) 2-Methylnaphthalene	12.404	142	339617	38.567	ng		96
38) 1-Methylnaphthalene	12.621	142	322455	38.762	ng		96
40) 1,2,4,5-Tetrachloroben...	12.768	216	209356	43.029	ng		98
41) Hexachlorocyclopentadiene	12.756	237	108501	43.857	ng		98
43) 2,4,6-Trichlorophenol	13.009	196	140579	44.872	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	169433	45.318	ng		93
46) 1,1'-Biphenyl	13.414	154	464430	38.852	ng		99
47) 2-Chloronaphthalene	13.455	162	354466	39.028	ng		100
48) 2-Nitroaniline	13.649	65	137237	46.815	ng		99
49) Acenaphthylene	14.301	152	593322	38.880	ng		99
50) Dimethylphthalate	14.037	163	515454	38.533	ng		100
51) 2,6-Dinitrotoluene	14.149	165	104069	43.783	ng		93
52) Acenaphthene	14.642	154	380171	39.678	ng		100
53) 3-Nitroaniline	14.478	138	110650	42.464	ng	#	94
54) 2,4-Dinitrophenol	14.677	184	54029	58.027	ng		94
55) Dibenzofuran	14.977	168	579358	38.334	ng		99
56) 4-Nitrophenol	14.783	139	91739	46.912	ng		97
57) 2,4-Dinitrotoluene	14.936	165	146982	47.286	ng		90
58) Fluorene	15.629	166	476743	39.304	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	149679	45.938	ng	#	97
60) Diethylphthalate	15.406	149	503799	37.435	ng		99
61) 4-Chlorophenyl-phenyle...	15.623	204	254839	39.713	ng		97
62) 4-Nitroaniline	15.641	138	118157	48.312	ng		98
63) Azobenzene	15.917	77	474358	36.171	ng		96
65) 4,6-Dinitro-2-methylph...	15.700	198	83629	49.490	ng		97
66) n-Nitrosodiphenylamine	15.835	169	445114	38.237	ng		99
67) 4-Bromophenyl-phenylether	16.516	248	176377	42.663	ng		99
68) Hexachlorobenzene	16.634	284	192234	41.191	ng		97
69) Atrazine	16.787	200	164698	40.459	ng		99
70) Pentachlorophenol	16.975	266	140635	46.183	ng		98
71) Phenanthrene	17.368	178	821986	38.799	ng		99
72) Anthracene	17.457	178	846209	39.330	ng		99
73) Carbazole	17.727	167	738583	38.934	ng		100
74) Di-n-butylphthalate	18.303	149	881770	37.284	ng		100
75) Fluoranthene	19.378	202	1036165	40.305	ng		98
77) Benzidine	19.560	184	416363	38.661	ng		99
78) Pyrene	19.742	202	1076985	37.651	ng		99
80) Butylbenzylphthalate	20.647	149	396210	37.971	ng		96
81) Benzo(a)anthracene	21.569	228	1114799	38.668	ng		100
82) 3,3'-Dichlorobenzidine	21.487	252	394340	40.510	ng		96
83) Chrysene	21.634	228	1074435	38.666	ng		100
84) Bis(2-ethylhexyl)phtha...	21.511	149	590340	35.496	ng		97
85) Di-n-octyl phthalate	22.703	149	1015370	37.476	ng		100
87) Indeno(1,2,3-cd)pyrene	28.273	276	1314958	38.541	ng	#	97
88) Benzo(b)fluoranthene	23.732	252	1071033	38.479	ng		98
89) Benzo(k)fluoranthene	23.802	252	1076811	37.797	ng	#	98
90) Benzo(a)pyrene	24.578	252	1053834	38.960	ng		99
91) Dibenzo(a,h)anthracene	28.344	278	1110189	38.601	ng	#	94
92) Benzo(g,h,i)perylene	29.384	276	1058397	37.830	ng		95

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

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