Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050624\
Data File : BG061116.D
Acq On : 6 May 2024 11:34
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 12:45:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
Supervised By :mohammad ahmed 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	18373	20.000	ng		-0.02
21) Naphthalene-d8	10.734	136	79388	20.000	ng		#-0.02
39) Acenaphthene-d10	14.571	164	70062	20.000	ng		-0.02
64) Phenanthrene-d10	17.315	188	183646	20.000	ng		-0.02
76) Chrysene-d12	21.574	240	177171	20.000	ng		-0.02
86) Perylene-d12	24.700	264	207999	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.523	112	75642	83.729	ng		-0.02
7) Phenol-d6	7.109	99	110390	82.601	ng		-0.02
23) Nitrobenzene-d5	9.089	82	130226	81.317	ng		-0.03
42) 2,4,6-Tribromophenol	16.057	330	105241	75.150	ng		-0.02
45) 2-Fluorobiphenyl	13.190	172	387368	81.757	ng		-0.02
79) Terphenyl-d14	19.935	244	879235	82.536	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	12605	34.508	ng		95
3) Pyridine	3.830	79	36564	34.017	ng		97
4) n-Nitrosodimethylamine	3.742	42	33596	32.532	ng	#	89
6) Aniline	7.262	93	52558	39.670	ng	#	96
8) 2-Chlorophenol	7.503	128	44856	40.472	ng		95
9) Benzaldehyde	7.074	77	32374m	46.528	ng		
10) Phenol	7.138	94	54741	40.278	ng		90
11) bis(2-Chloroethyl)ether	7.362	93	37407	39.842	ng		94
12) 1,3-Dichlorobenzene	7.826	146	53180	40.701	ng		98
13) 1,4-Dichlorobenzene	7.973	146	52959	39.217	ng		97
14) 1,2-Dichlorobenzene	8.290	146	52403	40.221	ng		97
15) Benzyl Alcohol	8.172	79	46388	38.478	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.460	45	82233	40.364	ng		99
17) 2-Methylphenol	8.384	107	40425	41.738	ng		90
18) Hexachloroethane	9.013	117	19015	39.462	ng	#	83
19) n-Nitroso-di-n-propyla...	8.736	70	39727	39.721	ng		92
20) 3+4-Methylphenols	8.713	107	57187	40.926	ng		96
22) Acetophenone	8.754	105	79475	40.198	ng	#	98
24) Nitrobenzene	9.136	77	63447	40.498	ng		98
25) Isophorone	9.659	82	116414	39.325	ng		99
26) 2-Nitrophenol	9.841	139	30827	41.531	ng		94
27) 2,4-Dimethylphenol	9.912	122	34418	40.219	ng		90
28) bis(2-Chloroethoxy)met...	10.141	93	59501	40.954	ng		99
29) 2,4-Dichlorophenol	10.387	162	54255	40.463	ng		98
30) 1,2,4-Trichlorobenzene	10.599	180	64923	40.185	ng		97
31) Naphthalene	10.781	128	163419	39.608	ng		98
32) Benzoic acid	10.058	122	32143m	32.492	ng		
33) 4-Chloroaniline	10.887	127	64083	38.945	ng		99
34) Hexachlorobutadiene	11.069	225	57395	41.403	ng		100
35) Caprolactam	11.662	113	17770	36.801	ng		91
36) 4-Chloro-3-methylphenol	12.021	107	65522	40.525	ng		95
37) 2-Methylnaphthalene	12.391	142	122926	39.758	ng		99
38) 1-Methylnaphthalene	12.608	142	120943	38.856	ng		98
40) 1,2,4,5-Tetrachloroben...	12.761	216	96025	41.068	ng		99
41) Hexachlorocyclopentadiene	12.738	237	32154	35.923	ng		94
43) 2,4,6-Trichlorophenol	13.002	196	57685	38.428	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	67359	39.648	ng		98
46) 1,1'-Biphenyl	13.402	154	182876	40.709	ng		98
47) 2-Chloronaphthalene	13.443	162	146243	40.655	ng		97
48) 2-Nitroaniline	13.642	65	53512	40.089	ng		98
49) Acenaphthylene	14.289	152	225206	40.762	ng		98
50) Dimethylphthalate	14.024	163	213566	39.465	ng		99
51) 2,6-Dinitrotoluene	14.142	165	46967	40.576	ng		96
52) Acenaphthene	14.635	154	140252	40.693	ng		99
53) 3-Nitroaniline	14.471	138	43095	40.690	ng		91
54) 2,4-Dinitrophenol	14.682	184	26908	34.097	ng		96
55) Dibenzofuran	14.964	168	235314	40.421	ng		100
56) 4-Nitrophenol	14.794	139	34045	39.776	ng		92
57) 2,4-Dinitrotoluene	14.935	165	69709	40.706	ng		88
58) Fluorene	15.617	166	203458	40.389	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	66808	38.200	ng		99
60) Diethylphthalate	15.387	149	212467	38.934	ng		99
61) 4-Chlorophenyl-phenyle...	15.611	204	118556	39.195	ng		97
62) 4-Nitroaniline	15.634	138	46887	40.818	ng		86
63) Azobenzene	15.904	77	165978	39.071	ng		97
65) 4,6-Dinitro-2-methylph...	15.705	198	45279	39.738	ng		87
66) n-Nitrosodiphenylamine	15.828	169	180039	39.534	ng		95
67) 4-Bromophenyl-phenylether	16.504	248	87198	40.306	ng		97
68) Hexachlorobenzene	16.627	284	107288	39.845	ng		98
69) Atrazine	16.774	200	69464	36.986	ng		98
70) Pentachlorophenol	16.974	266	53752	32.494	ng		97
71) Phenanthrene	17.356	178	331084	39.428	ng		99
72) Anthracene	17.450	178	332782	39.717	ng		99
73) Carbazole	17.720	167	293494	39.839	ng		98
74) Di-n-butylphthalate	18.284	149	344344	39.308	ng		99
75) Fluoranthene	19.371	202	459608	39.953	ng		99
77) Benzidine	19.547	184	136553	40.940	ng		98
78) Pyrene	19.735	202	467212	41.479	ng		99
80) Butylbenzylphthalate	20.622	149	143848	40.344	ng		97
81) Benzo(a)anthracene	21.557	228	457072	39.424	ng		98
82) 3,3'-Dichlorobenzidine	21.474	252	161822	38.785	ng		97
83) Chrysene	21.621	228	433786	39.936	ng		97
84) Bis(2-ethylhexyl)phtha...	21.474	149	190820	40.984	ng		100
85) Di-n-octyl phthalate	22.655	149	324836	39.545	ng		99
87) Indeno(1,2,3-cd)pyrene	28.243	276	553042	40.121	ng		99
88) Benzo(b)fluoranthene	23.713	252	456083	39.240	ng		99
89) Benzo(k)fluoranthene	23.778	252	448076m	40.072	ng		
90) Benzo(a)pyrene	24.553	252	396130	39.119	ng		99
91) Dibenzo(a,h)anthracene	28.313	278	454683	39.830	ng	#	98
92) Benzo(g,h,i)perylene	29.365	276	453027	39.935	ng		99

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

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