Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
Data File : BG061129.D
Acq On : 7 May 2024 12:43
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 13:24:10 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 :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	20192	20.000	ng		-0.02
21) Naphthalene-d8	10.738	136	84949	20.000	ng		-0.02
39) Acenaphthene-d10	14.568	164	73680	20.000	ng		-0.02
64) Phenanthrene-d10	17.318	188	183732	20.000	ng		-0.01
76) Chrysene-d12	21.578	240	181910	20.000	ng		#-0.01
86) Perylene-d12	24.709	264	208513	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	81382	81.968	ng		-0.02
7) Phenol-d6	7.112	99	115810	78.850	ng		-0.02
23) Nitrobenzene-d5	9.093	82	137008	79.951	ng		-0.03
42) 2,4,6-Tribromophenol	16.061	330	110364	74.938	ng		-0.01
45) 2-Fluorobiphenyl	13.194	172	391109	78.493	ng		-0.01
79) Terphenyl-d14	19.939	244	882545	80.688	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	12986m	32.348	ng		
3) Pyridine	3.834	79	38059	32.218	ng		95
4) n-Nitrosodimethylamine	3.752	42	37274	32.842	ng		100
6) Aniline	7.265	93	54759	37.608	ng	#	96
8) 2-Chlorophenol	7.506	128	47868	39.298	ng		99
9) Benzaldehyde	7.077	77	36407	47.993	ng		96
10) Phenol	7.142	94	57629	38.583	ng		93
11) bis(2-Chloroethyl)ether	7.359	93	40388	39.141	ng		95
12) 1,3-Dichlorobenzene	7.829	146	55877	38.913	ng		98
13) 1,4-Dichlorobenzene	7.970	146	56775	38.255	ng		96
14) 1,2-Dichlorobenzene	8.288	146	55628	38.850	ng		97
15) Benzyl Alcohol	8.176	79	50620	38.206	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	87996	39.301	ng		98
17) 2-Methylphenol	8.387	107	42127	39.577	ng		97
18) Hexachloroethane	9.016	117	21182	39.999	ng		93
19) n-Nitroso-di-n-propyla...	8.740	70	42572	38.731	ng		94
20) 3+4-Methylphenols	8.716	107	59670	38.856	ng		97
22) Acetophenone	8.758	105	83740	39.583	ng	#	99
24) Nitrobenzene	9.134	77	65210	38.898	ng		99
25) Isophorone	9.657	82	119686	37.783	ng		96
26) 2-Nitrophenol	9.850	139	32552	40.984	ng		92
27) 2,4-Dimethylphenol	9.915	122	35052	38.279	ng		99
28) bis(2-Chloroethoxy)met...	10.138	93	60029	38.613	ng		97
29) 2,4-Dichlorophenol	10.391	162	57782	40.273	ng		99
30) 1,2,4-Trichlorobenzene	10.597	180	66118	38.246	ng		100
31) Naphthalene	10.785	128	172530	39.079	ng		98
32) Benzoic acid	10.062	122	28748m	27.158	ng		
33) 4-Chloroaniline	10.890	127	67144	38.134	ng		97
34) Hexachlorobutadiene	11.067	225	61274	41.308	ng		97
35) Caprolactam	11.666	113	18220	35.263	ng	#	89
36) 4-Chloro-3-methylphenol	12.024	107	66263	38.300	ng		97
37) 2-Methylnaphthalene	12.395	142	126062	38.104	ng		99
38) 1-Methylnaphthalene	12.612	142	125816	37.775	ng		91
40) 1,2,4,5-Tetrachloroben...	12.765	216	100642	40.929	ng		97
41) Hexachlorocyclopentadiene	12.741	237	37634	39.980	ng		98
43) 2,4,6-Trichlorophenol	13.006	196	59982	37.996	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	65349	36.576	ng		97
46) 1,1'-Biphenyl	13.405	154	182476	38.625	ng		97
47) 2-Chloronaphthalene	13.446	162	146380	38.695	ng		97
48) 2-Nitroaniline	13.646	65	55627	39.627	ng		96
49) Acenaphthylene	14.292	152	227627	39.177	ng		99
50) Dimethylphthalate	14.028	163	217083	38.145	ng		99
51) 2,6-Dinitrotoluene	14.145	165	47438	38.970	ng		91
52) Acenaphthene	14.633	154	138615	38.243	ng		100
53) 3-Nitroaniline	14.474	138	42363	38.035	ng		99
54) 2,4-Dinitrophenol	14.692	184	28273	34.069	ng		92
55) Dibenzofuran	14.968	168	239531	39.125	ng		97
56) 4-Nitrophenol	14.798	139	32020	35.573	ng		98
57) 2,4-Dinitrotoluene	14.939	165	70239	39.001	ng	#	88
58) Fluorene	15.620	166	200664	37.878	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.203	232	65170	35.434	ng		99
60) Diethylphthalate	15.391	149	215553	37.560	ng		99
61) 4-Chlorophenyl-phenyle...	15.614	204	123513	38.829	ng		97
62) 4-Nitroaniline	15.638	138	47880	39.636	ng		99
63) Azobenzene	15.908	77	170900	38.254	ng		98
65) 4,6-Dinitro-2-methylph...	15.708	198	45814	40.189	ng		98
66) n-Nitrosodiphenylamine	15.826	169	183001	40.165	ng		98
67) 4-Bromophenyl-phenylether	16.507	248	91007	42.047	ng		96
68) Hexachlorobenzene	16.631	284	110704	41.094	ng		97
69) Atrazine	16.778	200	69333	36.899	ng		97
70) Pentachlorophenol	16.972	266	61179	36.966	ng		97
71) Phenanthrene	17.359	178	328936	39.154	ng		99
72) Anthracene	17.453	178	334884	39.949	ng		99
73) Carbazole	17.724	167	294855	40.005	ng		99
74) Di-n-butylphthalate	18.282	149	352276	40.195	ng		99
75) Fluoranthene	19.375	202	462461	40.182	ng		99
77) Benzidine	19.551	184	135261	39.595	ng		98
78) Pyrene	19.739	202	464154	40.134	ng		99
80) Butylbenzylphthalate	20.626	149	146046	39.894	ng		96
81) Benzo(a)anthracene	21.560	228	462986	38.894	ng		100
82) 3,3'-Dichlorobenzidine	21.478	252	170706	39.849	ng		99
83) Chrysene	21.625	228	438251	39.296	ng		99
84) Bis(2-ethylhexyl)phtha...	21.478	149	198056	41.430	ng		99
85) Di-n-octyl phthalate	22.659	149	329002	39.008	ng		99
87) Indeno(1,2,3-cd)pyrene	28.270	276	553732	40.072	ng	#	99
88) Benzo(b)fluoranthene	23.722	252	457297	39.247	ng		99
89) Benzo(k)fluoranthene	23.787	252	445410	39.735	ng		99
90) Benzo(a)pyrene	24.563	252	404402	39.838	ng		98
91) Dibenzo(a,h)anthracene	28.329	278	457484	39.977	ng	#	97
92) Benzo(g,h,i)perylene	29.381	276	458758	40.341	ng		98

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

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