Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
Data File : BG055029.D
Acq On : 28 Sep 2022 10:39
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 14:24:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 14:23:01 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.352	152	32109	20.000	ng		0.00
21) Naphthalene-d8	11.178	136	127715	20.000	ng		0.00
39) Acenaphthene-d10	14.956	164	87173	20.000	ng		0.00
64) Phenanthrene-d10	17.688	188	212706	20.000	ng		0.00
76) Chrysene-d12	21.989	240	244921	20.000	ng	#	0.00
86) Perylene-d12	25.455	264	255522	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.860	112	17062	10.397	ng		0.00
7) Phenol-d6	7.470	99	21589	9.815	ng		0.00
23) Nitrobenzene-d5	9.521	82	16528	7.501	ng		0.00
42) 2,4,6-Tribromophenol	16.430	330	8174	8.004	ng		0.00
45) 2-Fluorobiphenyl	13.587	172	58515	10.579	ng		0.00
79) Terphenyl-d14	20.267	244	122782	10.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.698	88	4956	6.217	ng	#	88
3) Pyridine	4.121	79	11507m	5.312	ng		
4) n-Nitrosodimethylamine	4.027	42	5689	7.197	ng	#	83
6) Aniline	7.658	93	15011	5.456	ng		95
8) 2-Chlorophenol	7.905	128	9452	4.890	ng		95
10) Phenol	7.494	94	12861	5.396	ng		89
11) bis(2-Chloroethyl)ether	7.752	93	10402	5.518	ng		98
12) 1,3-Dichlorobenzene	8.234	146	12087	5.361	ng		97
13) 1,4-Dichlorobenzene	8.381	146	12054	5.246	ng		96
14) 1,2-Dichlorobenzene	8.710	146	11942	5.516	ng		96
15) Benzyl Alcohol	8.575	79	8761	5.446	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.863	45	16891	7.311	ng		98
17) 2-Methylphenol	8.769	107	8975	5.341	ng		96
18) Hexachloroethane	9.450	117	3609	4.570	ng		91
19) n-Nitroso-di-n-propyla...	9.145	70	8906	5.883	ng		93
20) 3+4-Methylphenols	9.098	107	11650	4.957	ng		95
22) Acetophenone	9.168	105	15918	5.274	ng	#	97
24) Nitrobenzene	9.556	77	8862	4.014	ng		98
25) Isophorone	10.079	82	22217	5.311	ng	#	94
26) 2-Nitrophenol	10.279	139	3214	2.765	ng	#	89
27) 2,4-Dimethylphenol	10.320	122	8244	5.024	ng		93
28) bis(2-Chloroethoxy)met...	10.567	93	11386	4.832	ng		99
29) 2,4-Dichlorophenol	10.813	162	8411	4.294	ng		98
30) 1,2,4-Trichlorobenzene	11.037	180	11175	4.950	ng		94
31) Naphthalene	11.236	128	34482	5.163	ng		96
33) 4-Chloroaniline	11.325	127	12944	4.757	ng		97
34) Hexachlorobutadiene	11.513	225	7322	4.884	ng		99
35) Caprolactam	12.053	113	2760	3.867	ng	#	80
36) 4-Chloro-3-methylphenol	12.406	107	9454	4.519	ng		89
37) 2-Methylnaphthalene	12.811	142	24118	5.069	ng		97
38) 1-Methylnaphthalene	13.028	142	23210m	4.988	ng		
40) 1,2,4,5-Tetrachloroben...	13.164	216	13196	5.177	ng		98
41) Hexachlorocyclopentadiene	13.152	237	5888	23.749	ng		86
43) 2,4,6-Trichlorophenol	13.393	196	6780	4.629	ng		97
44) 2,4,5-Trichlorophenol	13.463	196	8115	4.826	ng		91
46) 1,1'-Biphenyl	13.798	154	31223	5.309	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.845	162	25205	5.482	ng		95
48) 2-Nitroaniline	14.027	65	4129	3.060	ng	#	84
49) Acenaphthylene	14.680	152	40038	5.153	ng		98
50) Dimethylphthalate	14.397	163	32641	4.945	ng		98
51) 2,6-Dinitrotoluene	14.515	165	3863	2.752	ng	#	86
52) Acenaphthene	15.020	154	24151	5.045	ng		93
53) 3-Nitroaniline	14.838	138	4647	3.052	ng	#	81
54) 2,4-Dinitrophenol	15.044	184	2351	6.881	ng	#	60
55) Dibenzofuran	15.349	168	40582	5.396	ng		96
57) 2,4-Dinitrotoluene	15.291	165	5070	2.540	ng	#	89
58) Fluorene	15.996	166	32963	5.164	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.561	232	6633	4.680	ng	#	98
60) Diethylphthalate	15.749	149	33436	5.073	ng		98
61) 4-Chlorophenyl-phenyle...	15.984	204	16735	5.188	ng		99
62) 4-Nitroaniline	15.990	138	5599	3.531	ng		93
63) Azobenzene	16.272	77	33740	6.259	ng		97
66) n-Nitrosodiphenylamine	16.189	169	29378	5.166	ng		99
67) 4-Bromophenyl-phenylether	16.877	248	11666	4.973	ng		99
68) Hexachlorobenzene	16.994	284	12931	4.799	ng		99
69) Atrazine	17.124	200	10931	5.064	ng		97
70) Pentachlorophenol	17.329	266	5740	10.842	ng		89
71) Phenanthrene	17.735	178	57001	5.262	ng		97
72) Anthracene	17.823	178	56596	5.356	ng		96
73) Carbazole	18.081	167	53492	5.528	ng		95
74) Di-n-butylphthalate	18.628	149	59917	4.993	ng		98
75) Fluoranthene	19.721	202	73751	5.375	ng		94
77) Benzidine	19.885	184	36763	6.058	ng		99
78) Pyrene	20.079	202	76643	4.760	ng		99
80) Butylbenzylphthalate	20.954	149	21975	3.512	ng		95
81) Benzo(a)anthracene	21.971	228	80828	5.131	ng		97
82) 3,3'-Dichlorobenzidine	21.871	252	23980	4.389	ng	#	95
83) Chrysene	22.036	228	75296	4.994	ng		99
84) Bis(2-ethylhexyl)phtha...	21.865	149	35239	3.927	ng	#	99
85) Di-n-octyl phthalate	23.170	149	58331	3.760	ng		97
87) Indeno(1,2,3-cd)pyrene	29.433	276	89951	4.735	ng	#	93
88) Benzo(b)fluoranthene	24.345	252	75427	5.005	ng	#	97
89) Benzo(k)fluoranthene	24.415	252	77280	5.079	ng	#	97
90) Benzo(a)pyrene	25.285	252	62247	4.797	ng	#	97
91) Dibenzo(a,h)anthracene	29.509	278	76798	4.911	ng		97
92) Benzo(g,h,i)perylene	30.678	276	73316	4.651	ng	#	94

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

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