Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058658.D
Acq On : 9 Aug 2023 14:26
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 15:00:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/09/2023
Supervised By :mohammad ahmed
08/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	47221	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	193116	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	131040	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	329303	20.000	ng	0.00
76) Chrysene-d12	21.452	240	300033	20.000	ng	0.00
86) Perylene-d12	24.519	264	387971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	232097	75.126	ng	0.00
7) Phenol-d6	6.986	99	323923	75.350	ng	0.00
23) Nitrobenzene-d5	8.978	82	294733	74.975	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	155012	72.171	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	637707	72.929	ng	0.00
79) Terphenyl-d14	19.824	244	1187539	74.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.273	88	56628	37.826	ng	99
3) Pyridine	3.672	79	154919	37.956	ng	95
4) n-Nitrosodimethylamine	3.590	42	67134	38.820	ng	99
6) Aniline	7.139	93	201723	38.113	ng	99
8) 2-Chlorophenol	7.380	128	114056	37.632	ng	97
9) Benzaldehyde	6.951	77	82571m	35.353	ng	
10) Phenol	7.010	94	157281	37.453	ng	100
11) bis(2-Chloroethyl)ether	7.239	93	126535	38.221	ng	98
12) 1,3-Dichlorobenzene	7.703	146	119711	36.989	ng	98
13) 1,4-Dichlorobenzene	7.850	146	119023	36.627	ng	95
14) 1,2-Dichlorobenzene	8.167	146	115832	37.283	ng	100
15) Benzyl Alcohol	8.056	79	113142	41.501	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.343	45	208548	38.779	ng	99
17) 2-Methylphenol	8.261	107	114945	37.435	ng	100
18) Hexachloroethane	8.890	117	44629	37.785	ng	91
19) n-Nitroso-di-n-propyla...	8.620	70	102656	36.969	ng	96
20) 3+4-Methylphenols	8.590	107	157619	37.950	ng	99
22) Acetophenone	8.637	105	193894	37.497	ng	99
24) Nitrobenzene	9.019	77	147339	36.867	ng	96
25) Isophorone	9.536	82	292838	36.053	ng	100
26) 2-Nitrophenol	9.730	139	64125	36.861	ng	99
27) 2,4-Dimethylphenol	9.789	122	107861	37.379	ng	97
28) bis(2-Chloroethoxy)met...	10.024	93	162587	36.782	ng	99
29) 2,4-Dichlorophenol	10.271	162	108972	36.371	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	126669	36.660	ng	99
31) Naphthalene	10.664	128	370274	36.379	ng	100
32) Benzoic acid	9.942	122	58571	28.623	ng	98
33) 4-Chloroaniline	10.776	127	159830	37.166	ng	99
34) Hexachlorobutadiene	10.946	225	82105	36.898	ng	99
35) Caprolactam	11.557	113	39663	35.849	ng	97
36) 4-Chloro-3-methylphenol	11.910	107	131333	35.435	ng	98
37) 2-Methylnaphthalene	12.274	142	261503	35.917	ng	99
38) 1-Methylnaphthalene	12.497	142	247911	35.821	ng	97
40) 1,2,4,5-Tetrachloroben...	12.650	216	146236	36.349	ng	100
41) Hexachlorocyclopentadiene	12.621	237	50743	31.656	ng	97
43) 2,4,6-Trichlorophenol	12.891	196	98073	35.442	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	113968	34.968	ng		98
46) 1,1'-Biphenyl	13.291	154	325779	36.201	ng		99
47) 2-Chloronaphthalene	13.338	162	253935	36.190	ng		100
48) 2-Nitroaniline	13.543	65	100747	37.617	ng		97
49) Acenaphthylene	14.184	152	424594	36.143	ng		99
50) Dimethylphthalate	13.919	163	359592	36.539	ng		99
51) 2,6-Dinitrotoluene	14.043	165	79105	36.633	ng		97
52) Acenaphthene	14.524	154	243404	35.858	ng		96
53) 3-Nitroaniline	14.372	138	81550	37.747	ng		99
54) 2,4-Dinitrophenol	14.589	184	33565	32.478	ng		98
55) Dibenzofuran	14.859	168	422491	36.222	ng		99
56) 4-Nitrophenol	14.689	139	55573	36.596	ng		93
57) 2,4-Dinitrotoluene	14.830	165	112709	37.649	ng	#	92
58) Fluorene	15.506	166	337380	36.411	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.089	232	96108	34.557	ng		98
60) Diethylphthalate	15.277	149	368393	36.744	ng		99
61) 4-Chlorophenyl-phenyle...	15.500	204	188626	36.514	ng		99
62) 4-Nitroaniline	15.541	138	84329	41.205	ng		95
63) Azobenzene	15.794	77	362471	36.705	ng		99
65) 4,6-Dinitro-2-methylph...	15.600	198	67645	37.255	ng		96
66) n-Nitrosodiphenylamine	15.717	169	300848	35.101	ng		98
67) 4-Bromophenyl-phenylether	16.393	248	130123	34.839	ng		96
68) Hexachlorobenzene	16.510	284	137949	34.855	ng		97
69) Atrazine	16.663	200	108240	37.410	ng		97
70) Pentachlorophenol	16.863	266	81305	33.940	ng		96
71) Phenanthrene	17.251	178	553787	35.461	ng		99
72) Anthracene	17.339	178	573890	35.814	ng		100
73) Carbazole	17.615	167	539866	38.205	ng		99
74) Di-n-butylphthalate	18.167	149	691690	39.080	ng		100
75) Fluoranthene	19.266	202	724042	38.596	ng		98
77) Benzidine	19.448	184	230102	50.575	ng		99
78) Pyrene	19.624	202	746823	36.575	ng		99
80) Butylbenzylphthalate	20.512	149	307132	36.619	ng		99
81) Benzo(a)anthracene	21.428	228	752643	36.451	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	264593	37.900	ng		99
83) Chrysene	21.493	228	716235	36.179	ng		99
84) Bis(2-ethylhexyl)phtha...	21.334	149	450309	36.740	ng		99
85) Di-n-octyl phthalate	22.486	149	794985	36.893	ng		99
87) Indeno(1,2,3-cd)pyrene	28.020	276	937310	36.315	ng		100
88) Benzo(b)fluoranthene	23.543	252	774037	36.784	ng		100
89) Benzo(k)fluoranthene	23.608	252	761986	36.046	ng		100
90) Benzo(a)pyrene	24.378	252	752488	36.413	ng		99
91) Dibenzo(a,h)anthracene	28.067	278	780157	36.556	ng		98
92) Benzo(g,h,i)perylene	29.113	276	771143	36.034	ng		99

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

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