Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055343.D
Acq On : 28 Oct 2022 15:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 05:39:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	34849	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	157411	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	114040	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	255283	20.000	ng	0.00
76) Chrysene-d12	21.890	240	222221	20.000	ng	0.00
86) Perylene-d12	25.286	264	243374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	156704	78.735	ng	0.00
7) Phenol-d6	7.413	99	221170	76.704	ng	0.00
23) Nitrobenzene-d5	9.440	82	237026	76.890	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	112283	90.572	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	575556	82.606	ng	0.00
79) Terphenyl-d14	20.186	244	890338	83.243	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	35056	36.479	ng	100
3) Pyridine	4.017	79	109359	37.789	ng	93
4) n-Nitrosodimethylamine	3.929	42	43675	33.969	ng	94
6) Aniline	7.577	93	142327	37.705	ng	99
8) 2-Chlorophenol	7.824	128	93093	40.233	ng	97
9) Benzaldehyde	7.395	77	69997	35.554	ng	99
10) Phenol	7.436	94	124226	38.463	ng	100
11) bis(2-Chloroethyl)ether	7.671	93	95068	38.993	ng	96
12) 1,3-Dichlorobenzene	8.153	146	102997	40.797	ng	99
13) 1,4-Dichlorobenzene	8.300	146	106153	41.165	ng	99
14) 1,2-Dichlorobenzene	8.623	146	100569	40.506	ng	95
15) Benzyl Alcohol	8.500	79	93710	38.836	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.788	45	143273	35.909	ng	98
17) 2-Methylphenol	8.706	107	89374	39.128	ng	99
18) Hexachloroethane	9.364	117	37581	40.927	ng	93
19) n-Nitroso-di-n-propyla...	9.070	70	90628	37.849	ng	96
20) 3+4-Methylphenols	9.035	107	128724	39.347	ng	98
22) Acetophenone	9.093	105	159340	39.594	ng	95
24) Nitrobenzene	9.487	77	124296	38.724	ng	96
25) Isophorone	10.004	82	239399	38.448	ng	96
26) 2-Nitrophenol	10.198	139	61306	43.615	ng	96
27) 2,4-Dimethylphenol	10.245	122	88183	40.185	ng	97
28) bis(2-Chloroethoxy)met...	10.480	93	128428	40.852	ng	98
29) 2,4-Dichlorophenol	10.738	162	101952	43.308	ng	98
30) 1,2,4-Trichlorobenzene	10.956	180	106329	44.256	ng	99
31) Naphthalene	11.150	128	338651	40.328	ng	99
32) Benzoic acid	10.403	122	51868	32.730	ng	98
33) 4-Chloroaniline	11.250	127	145977	40.661	ng	98
34) Hexachlorobutadiene	11.420	225	65285	47.557	ng	96
35) Caprolactam	12.025	113	39681	36.319	ng	91
36) 4-Chloro-3-methylphenol	12.354	107	121138	40.895	ng	98
37) 2-Methylnaphthalene	12.730	142	249792	41.258	ng	97
38) 1-Methylnaphthalene	12.948	142	242719	40.636	ng	99
40) 1,2,4,5-Tetrachloroben...	13.094	216	122151	44.410	ng	98
41) Hexachlorocyclopentadiene	13.065	237	51640	41.005	ng	98
43) 2,4,6-Trichlorophenol	13.324	196	89361	43.988	ng	98

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44) 2,4,5-Trichlorophenol	13.406	196	99104	44.106	ng		96
46) 1,1'-Biphenyl	13.717	154	320582	40.987	ng		99
47) 2-Chloronaphthalene	13.770	162	254789	41.309	ng		97
48) 2-Nitroaniline	13.964	65	90263	37.421	ng		95
49) Acenaphthylene	14.610	152	426339	40.042	ng		99
50) Dimethylphthalate	14.322	163	360455	40.257	ng		100
51) 2,6-Dinitrotoluene	14.452	165	76957	42.238	ng		91
52) Acenaphthene	14.945	154	275066m	40.530	ng		
53) 3-Nitroaniline	14.781	138	87398	38.165	ng		99
54) 2,4-Dinitrophenol	14.992	184	40724	40.302	ng		95
55) Dibenzofuran	15.274	168	414017	40.662	ng		98
56) 4-Nitrophenol	15.086	139	61693	37.666	ng		95
57) 2,4-Dinitrotoluene	15.233	165	109066	41.250	ng		92
58) Fluorene	15.921	166	334035	39.428	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.498	232	87956	43.908	ng		92
60) Diethylphthalate	15.668	149	379678	39.863	ng		98
61) 4-Chlorophenyl-phenyle...	15.903	204	168881	43.378	ng		97
62) 4-Nitroaniline	15.938	138	91221	37.907	ng		98
63) Azobenzene	16.197	77	346170	37.308	ng		97
65) 4,6-Dinitro-2-methylph...	15.997	198	65533	46.696	ng		89
66) n-Nitrosodiphenylamine	16.114	169	297009	41.800	ng		99
67) 4-Bromophenyl-phenylether	16.796	248	114053	45.986	ng		96
68) Hexachlorobenzene	16.919	284	126435	45.087	ng		96
69) Atrazine	17.049	200	103041	42.647	ng		99
70) Pentachlorophenol	17.266	266	64352	41.872	ng		95
71) Phenanthrene	17.660	178	550270	40.418	ng		100
72) Anthracene	17.748	178	539258	40.517	ng		99
73) Carbazole	18.012	167	496121	38.755	ng		99
74) Di-n-butylphthalate	18.541	149	643219	40.195	ng		100
75) Fluoranthene	19.646	202	623291	39.290	ng		99
77) Benzidine	19.816	184	217715	40.463	ng		99
78) Pyrene	20.004	202	629450	41.325	ng		99
80) Butylbenzylphthalate	20.862	149	280442	38.962	ng		94
81) Benzo(a)anthracene	21.872	228	589774	39.522	ng		99
82) 3,3'-Dichlorobenzidine	21.773	252	205962	42.378	ng		100
83) Chrysene	21.943	228	554602	39.126	ng		99
84) Bis(2-ethylhexyl)phtha...	21.731	149	403271	39.220	ng		98
85) Di-n-octyl phthalate	22.995	149	680167	39.707	ng		97
87) Indeno(1,2,3-cd)pyrene	29.205	276	741501	41.251	ng	#	95
88) Benzo(b)fluoranthene	24.199	252	582347	39.779	ng		98
89) Benzo(k)fluoranthene	24.275	252	596135	40.328	ng		98
90) Benzo(a)pyrene	25.127	252	505905	40.298	ng		98
91) Dibenzo(a,h)anthracene	29.264	278	614750	41.675	ng		97
92) Benzo(g,h,i)perylene	30.439	276	602688	41.192	ng		97

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

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