Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058899.D
Acq On : 30 Aug 2023 17:07
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 01:39:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 01:27:35 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

08/31/2023
Supervised By :mohammad ahmed

09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.759	152	25430	20.000	ng		0.00
21) Naphthalene-d8	10.561	136	117566	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	91516	20.000	ng		0.00
64) Phenanthrene-d10	17.165	188	216843	20.000	ng	#	0.00
76) Chrysene-d12	21.407	240	167152	20.000	ng		0.00
86) Perylene-d12	24.439	264	203457	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.326	112	120288	76.121	ng		0.00
7) Phenol-d6	6.936	99	189000	85.247	ng		0.00
23) Nitrobenzene-d5	8.928	82	185558	75.882	ng		0.00
42) 2,4,6-Tribromophenol	15.914	330	124830	86.992	ng		0.00
45) 2-Fluorobiphenyl	13.035	172	461166	73.293	ng		0.00
79) Terphenyl-d14	19.792	244	738272	79.307	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	23688	31.884	ng		93
3) Pyridine	3.599	79	72322	36.838	ng		96
4) n-Nitrosodimethylamine	3.517	42	41452	38.837	ng		92
6) Aniline	7.089	93	112793	41.618	ng		97
8) 2-Chlorophenol	7.324	128	65936	41.267	ng		97
9) Benzaldehyde	6.901	77	47955m	38.561	ng		
10) Phenol	6.966	94	92619	43.323	ng		97
11) bis(2-Chloroethyl)ether	7.183	93	64021	38.378	ng		96
12) 1,3-Dichlorobenzene	7.647	146	66480	39.171	ng		96
13) 1,4-Dichlorobenzene	7.794	146	68370	39.838	ng		95
14) 1,2-Dichlorobenzene	8.111	146	66224	39.924	ng		97
15) Benzyl Alcohol	8.006	79	76394	48.193	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.288	45	149694	42.107	ng		97
17) 2-Methylphenol	8.211	107	67869	43.223	ng		95
18) Hexachloroethane	8.834	117	25655	41.028	ng		96
19) n-Nitroso-di-n-propyla...	8.570	70	63224	44.116	ng		94
20) 3+4-Methylphenols	8.546	107	95725	45.345	ng		95
22) Acetophenone	8.587	105	120783	37.953	ng		96
24) Nitrobenzene	8.969	77	92026	37.838	ng		97
25) Isophorone	9.492	82	191782	39.438	ng		99
26) 2-Nitrophenol	9.680	139	43337	42.605	ng		93
27) 2,4-Dimethylphenol	9.745	122	71418	41.428	ng		99
28) bis(2-Chloroethoxy)met...	9.974	93	96856	37.601	ng		99
29) 2,4-Dichlorophenol	10.215	162	76868	43.393	ng		99
30) 1,2,4-Trichlorobenzene	10.426	180	81976	38.322	ng		96
31) Naphthalene	10.614	128	236010	38.233	ng		99
32) Benzoic acid	9.939	122	56090	52.483	ng		93
33) 4-Chloroaniline	10.726	127	113549	43.616	ng		98
34) Hexachlorobutadiene	10.890	225	57648	39.930	ng		99
35) Caprolactam	11.537	113	27651	43.561	ng	#	89
36) 4-Chloro-3-methylphenol	11.866	107	98658	44.785	ng		98
37) 2-Methylnaphthalene	12.230	142	183477	41.383	ng		97
38) 1-Methylnaphthalene	12.447	142	174386	41.436	ng		97
40) 1,2,4,5-Tetrachloroben...	12.600	216	107780	38.202	ng		98
41) Hexachlorocyclopentadiene	12.577	237	37375	38.772	ng		95
43) 2,4,6-Trichlorophenol	12.847	196	76817	42.790	ng		99

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44) 2,4,5-Trichlorophenol	12.929	196	89925	41.830	ng		96
46) 1,1'-Biphenyl	13.246	154	234558	37.206	ng		96
47) 2-Chloronaphthalene	13.293	162	183037	37.256	ng		99
48) 2-Nitroaniline	13.505	65	73115	39.184	ng		96
49) Acenaphthylene	14.140	152	307777	37.776	ng		98
50) Dimethylphthalate	13.881	163	267732	37.784	ng		99
51) 2,6-Dinitrotoluene	14.004	165	59519	39.982	ng		90
52) Acenaphthene	14.480	154	184172	38.682	ng		94
53) 3-Nitroaniline	14.339	138	60306	42.002	ng	#	93
54) 2,4-Dinitrophenol	14.551	184	33555	43.744	ng	#	88
55) Dibenzofuran	14.815	168	311510	37.929	ng		99
56) 4-Nitrophenol	14.657	139	42579	43.167	ng		93
57) 2,4-Dinitrotoluene	14.798	165	82868	39.911	ng		99
58) Fluorene	15.467	166	247869	37.923	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.050	232	76071	43.364	ng		98
60) Diethylphthalate	15.244	149	275227	37.673	ng		99
61) 4-Chlorophenyl-phenyle...	15.456	204	141891	39.166	ng		94
62) 4-Nitroaniline	15.503	138	59830	41.062	ng		92
63) Azobenzene	15.755	77	245042	36.528	ng		97
65) 4,6-Dinitro-2-methylph...	15.567	198	53511	43.658	ng		97
66) n-Nitrosodiphenylamine	15.679	169	221179	39.575	ng		98
67) 4-Bromophenyl-phenylether	16.355	248	99153	41.669	ng		99
68) Hexachlorobenzene	16.472	284	101981	39.821	ng		99
69) Atrazine	16.631	200	68217	34.490	ng		97
70) Pentachlorophenol	16.825	266	66348	49.406	ng		97
71) Phenanthrene	17.207	178	389251	37.392	ng		99
72) Anthracene	17.301	178	402681	38.568	ng		99
73) Carbazole	17.571	167	358169	37.462	ng		99
74) Di-n-butylphthalate	18.123	149	448550	37.190	ng		99
75) Fluoranthene	19.222	202	462920	35.859	ng		98
77) Benzidine	19.410	184	132604	44.265	ng		98
78) Pyrene	19.586	202	459993	39.496	ng		99
80) Butylbenzylphthalate	20.473	149	196838	41.672	ng		99
81) Benzo(a)anthracene	21.384	228	446107	38.341	ng		97
82) 3,3'-Dichlorobenzidine	21.308	252	162316	40.407	ng		98
83) Chrysene	21.449	228	421642	37.596	ng		99
84) Bis(2-ethylhexyl)phtha...	21.290	149	273605	39.494	ng		100
85) Di-n-octyl phthalate	22.430	149	468787	39.342	ng		98
87) Indeno(1,2,3-cd)pyrene	27.918	276	523635	38.040	ng	#	56
88) Benzo(b)fluoranthene	23.482	252	433523	38.403	ng		98
89) Benzo(k)fluoranthene	23.546	252	429516	36.893	ng		99
90) Benzo(a)pyrene	24.304	252	429461	38.636	ng		99
91) Dibenzo(a,h)anthracene	27.965	278	434743	38.435	ng		99
92) Benzo(g,h,i)perylene	28.987	276	432914	38.281	ng		97

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

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