Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055394.D
Acq On : 1 Nov 2022 14:56
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 02 04:10:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 04:08:03 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

11/02/2022
Supervised By :Jagrut Upadhyay

11/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.247	152	28964	20.000	ng		0.00
21) Naphthalene-d8	11.073	136	127697	20.000	ng		0.00
39) Acenaphthene-d10	14.863	164	92807	20.000	ng		0.00
64) Phenanthrene-d10	17.595	188	215964	20.000	ng		0.00
76) Chrysene-d12	21.867	240	219421	20.000	ng		0.00
86) Perylene-d12	25.245	264	239041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.774	112	16477	9.961	ng		0.00
7) Phenol-d6	7.389	99	21950	9.159	ng		0.00
23) Nitrobenzene-d5	9.416	82	24134	9.651	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	11900	11.795	ng		0.00
45) 2-Fluorobiphenyl	13.488	172	66812	11.783	ng		0.00
79) Terphenyl-d14	20.169	244	121308	11.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	4087	5.117	ng		93
3) Pyridine	4.005	79	10897	4.531	ng		95
4) n-Nitrosodimethylamine	3.911	42	4275	4.001	ng	#	100
6) Aniline	7.560	93	14833	4.728	ng		95
8) 2-Chlorophenol	7.807	128	10251	5.330	ng		92
9) Benzaldehyde	7.378	77	6634	4.054	ng		94
10) Phenol	7.425	94	12821	4.776	ng		90
11) bis(2-Chloroethyl)ether	7.648	93	9560	4.718	ng		99
12) 1,3-Dichlorobenzene	8.136	146	11615	5.535	ng		99
13) 1,4-Dichlorobenzene	8.282	146	11839	5.524	ng		98
14) 1,2-Dichlorobenzene	8.606	146	11400	5.525	ng		99
15) Benzyl Alcohol	8.482	79	8364	4.171	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.764	45	13372	4.032	ng		93
17) 2-Methylphenol	8.688	107	9029	4.756	ng		98
18) Hexachloroethane	9.340	117	3930	5.150	ng		96
19) n-Nitroso-di-n-propyla...	9.046	70	8845	4.445	ng		94
20) 3+4-Methylphenols	9.017	107	12668	4.659	ng		97
22) Acetophenone	9.076	105	17318	5.305	ng	#	96
24) Nitrobenzene	9.463	77	12308	4.727	ng		95
25) Isophorone	9.980	82	23968	4.745	ng		99
26) 2-Nitrophenol	10.180	139	5770	5.060	ng		93
27) 2,4-Dimethylphenol	10.227	122	8911m	5.006	ng		
28) bis(2-Chloroethoxy)met...	10.456	93	12822	5.028	ng		98
29) 2,4-Dichlorophenol	10.727	162	10510	5.503	ng		95
30) 1,2,4-Trichlorobenzene	10.932	180	11782	6.045	ng		96
31) Naphthalene	11.126	128	36236	5.319	ng		99
33) 4-Chloroaniline	11.232	127	14337	4.923	ng		98
34) Hexachlorobutadiene	11.396	225	7287	6.543	ng		99
35) Caprolactam	11.984	113	3882	4.380	ng		94
36) 4-Chloro-3-methylphenol	12.337	107	11521	4.794	ng		99
37) 2-Methylnaphthalene	12.713	142	27169	5.532	ng		98
38) 1-Methylnaphthalene	12.924	142	26474m	5.464	ng		
40) 1,2,4,5-Tetrachloroben...	13.071	216	13896	6.208	ng		98
43) 2,4,6-Trichlorophenol	13.312	196	8839	5.346	ng		96
44) 2,4,5-Trichlorophenol	13.388	196	9947	5.440	ng		96
46) 1,1'-Biphenyl	13.700	154	35434	5.567	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.747	162	28194	5.617	ng		99
48) 2-Nitroaniline	13.946	65	7816	3.982	ng		97
49) Acenaphthylene	14.587	152	46259	5.339	ng		98
50) Dimethylphthalate	14.299	163	40051	5.496	ng		99
51) 2,6-Dinitrotoluene	14.428	165	7855	5.298	ng		94
52) Acenaphthene	14.922	154	27833	5.039	ng		99
53) 3-Nitroaniline	14.763	138	8374	4.493	ng		96
55) Dibenzofuran	15.251	168	46266	5.584	ng		98
56) 4-Nitrophenol	15.086	139	4715	3.537	ng	#	82
57) 2,4-Dinitrotoluene	15.216	165	10512	4.885	ng	#	97
58) Fluorene	15.897	166	37608	5.455	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.486	232	9095	5.579	ng	#	95
60) Diethylphthalate	15.644	149	41356	5.335	ng		99
61) 4-Chlorophenyl-phenyle...	15.879	204	19027	6.005	ng		98
62) 4-Nitroaniline	15.915	138	8840	4.514	ng		95
63) Azobenzene	16.173	77	34143	4.522	ng		98
65) 4,6-Dinitro-2-methylph...	15.979	198	5119	4.312	ng		97
66) n-Nitrosodiphenylamine	16.091	169	33471	5.568	ng		99
67) 4-Bromophenyl-phenylether	16.773	248	12826	6.113	ng		99
68) Hexachlorobenzene	16.902	284	14866	6.266	ng		94
69) Atrazine	17.025	200	11125	5.443	ng		98
71) Phenanthrene	17.636	178	63308	5.497	ng		100
72) Anthracene	17.724	178	61989	5.505	ng		98
73) Carbazole	17.995	167	57275	5.289	ng		100
74) Di-n-butylphthalate	18.523	149	69939	5.166	ng		98
75) Fluoranthene	19.628	202	76782	5.721	ng		98
77) Benzidine	19.798	184	21323	4.014	ng		98
78) Pyrene	19.986	202	80355	5.343	ng		98
80) Butylbenzylphthalate	20.838	149	31378	4.415	ng		95
81) Benzo(a)anthracene	21.843	228	77280	5.245	ng		99
82) 3,3'-Dichlorobenzidine	21.749	252	25758	5.368	ng		96
83) Chrysene	21.914	228	75635	5.404	ng		99
84) Bis(2-ethylhexyl)phtha...	21.708	149	46525	4.583	ng		97
85) Di-n-octyl phthalate	22.965	149	81416	4.814	ng		99
87) Indeno(1,2,3-cd)pyrene	29.117	276	100532	5.694	ng		99
88) Benzo(b)fluoranthene	24.158	252	77756	5.408	ng		97
89) Benzo(k)fluoranthene	24.234	252	80921	5.573	ng		98
90) Benzo(a)pyrene	25.080	252	68941	5.591	ng		98
91) Dibenzo(a,h)anthracene	29.187	278	82674	5.706	ng		100
92) Benzo(g,h,i)perylene	30.351	276	82057	5.710	ng		98

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

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