Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055962.D
Acq On : 14 Dec 2022 16:44
Operator : CG/JU
Sample : N5993-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AOC2-B1-W5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 00:50:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.372	152	5857	20.000	ng		0.00
21) Naphthalene-d8	11.204	136	20981	20.000	ng	#	0.00
39) Acenaphthene-d10	14.982	164	19002	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	56300	20.000	ng		0.00
76) Chrysene-d12	22.026	240	61335	20.000	ng		0.00
86) Perylene-d12	25.517	264	75827	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.887	112	37721	151.037	ng		0.00
7) Phenol-d6	7.496	99	45593	141.942	ng		0.00
23) Nitrobenzene-d5	9.541	82	27615	91.978	ng		0.00
42) 2,4,6-Tribromophenol	16.457	330	65926	143.882	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	119541	88.230	ng		0.00
79) Terphenyl-d14	20.287	244	336608	96.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.713	88	3577	49.215	ng		91
3) Pyridine	4.130	79	9677	40.458	ng		97
4) n-Nitrosodimethylamine	4.036	42	9757	45.378	ng		90
6) Aniline	7.679	93	12252	31.858	ng		93
8) 2-Chlorophenol	7.925	128	16620	51.582	ng		96
9) Benzaldehyde	7.496	77	6038	29.932	ng		94
10) Phenol	7.526	94	17598	50.059	ng		98
11) bis(2-Chloroethyl)ether	7.773	93	10628	46.413	ng		96
12) 1,3-Dichlorobenzene	8.260	146	19293	46.288	ng		92
13) 1,4-Dichlorobenzene	8.407	146	19770	46.413	ng		97
14) 1,2-Dichlorobenzene	8.730	146	19115	46.956	ng		98
15) Benzyl Alcohol	8.601	79	15992	47.915	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.889	45	13989	46.938	ng		95
17) 2-Methylphenol	8.795	107	13643	49.325	ng		94
18) Hexachloroethane	9.476	117	6267	48.469	ng		99
19) n-Nitroso-di-n-propyla...	9.171	70	10445	45.366	ng	#	91
20) 3+4-Methylphenols	9.124	107	18751	47.505	ng		95
22) Acetophenone	9.194	105	24490	47.086	ng		95
24) Nitrobenzene	9.588	77	16270	53.838	ng		96
25) Isophorone	10.105	82	30154	47.897	ng		99
26) 2-Nitrophenol	10.305	139	9422	52.667	ng	#	92
27) 2,4-Dimethylphenol	10.340	122	17584m	58.526	ng		
28) bis(2-Chloroethoxy)met...	10.587	93	14911	53.590	ng		99
29) 2,4-Dichlorophenol	10.834	162	22337	52.380	ng		99
30) 1,2,4-Trichlorobenzene	11.063	180	26022	46.942	ng		96
31) Naphthalene	11.257	128	51153	46.206	ng		99
32) Benzoic acid	10.446	122	11516	45.093	ng	#	83
33) 4-Chloroaniline	11.351	127	9063	19.097	ng		96
34) Hexachlorobutadiene	11.539	225	24001	46.053	ng		93
35) Caprolactam	12.109	113	5548m	46.695	ng		
36) 4-Chloro-3-methylphenol	12.432	107	20381	50.969	ng		98
37) 2-Methylnaphthalene	12.831	142	44510	45.508	ng		98
38) 1-Methylnaphthalene	13.049	142	41442	43.494	ng		97
40) 1,2,4,5-Tetrachloroben...	13.190	216	41202	51.392	ng		98
41) Hexachlorocyclopentadiene	13.172	237	59737	131.340	ng		99
43) 2,4,6-Trichlorophenol	13.413	196	25507	53.746	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	28479	53.234	ng		98
46) 1,1'-Biphenyl	13.818	154	66328	51.497	ng		98
47) 2-Chloronaphthalene	13.865	162	51507	49.216	ng		95
48) 2-Nitroaniline	14.053	65	11871	56.981	ng		96
49) Acenaphthylene	14.706	152	83331	49.884	ng		98
50) Dimethylphthalate	14.418	163	78667	47.885	ng		100
51) 2,6-Dinitrotoluene	14.541	165	15194	59.766	ng	#	89
52) Acenaphthene	15.041	154	61606	54.933	ng		98
53) 3-Nitroaniline	14.864	138	7067	27.329	ng	#	93
54) 2,4-Dinitrophenol	15.064	184	17470	92.435	ng	#	83
55) Dibenzofuran	15.370	168	94105	49.900	ng		99
56) 4-Nitrophenol	15.152	139	23754	114.632	ng		97
57) 2,4-Dinitrotoluene	15.317	165	22593	58.875	ng	#	89
58) Fluorene	16.016	166	75231	48.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.587	232	32667	53.450	ng		99
60) Diethylphthalate	15.769	149	75198	46.831	ng		99
61) 4-Chlorophenyl-phenyle...	16.004	204	52555	50.043	ng		95
62) 4-Nitroaniline	16.028	138	14741	52.346	ng		96
63) Azobenzene	16.298	77	53655	54.900	ng		98
65) 4,6-Dinitro-2-methylph...	16.081	198	13762	51.170	ng		97
66) n-Nitrosodiphenylamine	16.216	169	70848	48.021	ng		99
67) 4-Bromophenyl-phenylether	16.897	248	38325	46.456	ng		95
68) Hexachlorobenzene	17.021	284	49461	48.675	ng		97
69) Atrazine	17.150	200	35952	53.818	ng		98
70) Pentachlorophenol	17.355	266	60242	103.700	ng		96
71) Phenanthrene	17.755	178	139289	47.210	ng		99
72) Anthracene	17.849	178	141740	48.559	ng		99
73) Carbazole	18.108	167	114528	47.574	ng		98
74) Di-n-butylphthalate	18.648	149	126444	45.164	ng		99
75) Fluoranthene	19.741	202	185963	45.011	ng		98
77) Benzidine	19.911	184	50766	47.130	ng		99
78) Pyrene	20.105	202	188093	50.679	ng		99
80) Butylbenzylphthalate	20.975	149	55276	52.560	ng		97
81) Benzo(a)anthracene	22.003	228	215549	49.942	ng		100
82) 3,3'-Dichlorobenzidine	21.897	252	44596	28.719	ng		98
83) Chrysene	22.073	228	199571	49.337	ng		99
84) Bis(2-ethylhexyl)phtha...	21.880	149	80640	51.610	ng		97
85) Di-n-octyl phthalate	23.196	149	135061	50.958	ng		100
87) Indeno(1,2,3-cd)pyrene	29.541	276	286731	47.024	ng	#	99
88) Benzo(b)fluoranthene	24.400	252	241179	49.146	ng		99
89) Benzo(k)fluoranthene	24.477	252	237452	48.497	ng		100
90) Benzo(a)pyrene	25.352	252	214559	51.724	ng		98
91) Dibenzo(a,h)anthracene	29.618	278	244678	47.943	ng		97
92) Benzo(g,h,i)perylene	30.810	276	237960	48.224	ng		96

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

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