Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055922.D
Acq On : 7 Dec 2022 20:27
Operator : CG/JU
Sample : N5884-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 08 05:09:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.159	152	38435	20.000	ng		0.00
21) Naphthalene-d8	10.991	136	159886	20.000	ng		0.00
39) Acenaphthene-d10	14.798	164	107668	20.000	ng		0.00
64) Phenanthrene-d10	17.542	188	226613	20.000	ng		0.00
76) Chrysene-d12	21.825	240	221708	20.000	ng		0.00
86) Perylene-d12	25.180	264	236180	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	273454	128.600	ng		0.00
7) Phenol-d6	7.324	99	356916	126.093	ng		0.00
23) Nitrobenzene-d5	9.340	82	233163	77.079	ng		0.00
42) 2,4,6-Tribromophenol	16.290	330	163027	107.530	ng		0.00
45) 2-Fluorobiphenyl	13.423	172	516660	71.890	ng		0.00
79) Terphenyl-d14	20.127	244	749402	67.607	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.488	88	32404	35.659	ng		95
3) Pyridine	3.905	79	92444	33.161	ng		96
4) n-Nitrosodimethylamine	3.823	42	64378	43.619	ng		98
6) Aniline	7.477	93	73743	20.742	ng		96
8) 2-Chlorophenol	7.724	128	119993	49.363	ng		96
9) Benzaldehyde	7.289	77	61214m	31.844	ng		
10) Phenol	7.354	94	151220	47.713	ng		99
11) bis(2-Chloroethyl)ether	7.565	93	110187	45.366	ng		99
12) 1,3-Dichlorobenzene	8.047	146	133319	46.648	ng		97
13) 1,4-Dichlorobenzene	8.194	146	133344	46.172	ng		100
14) 1,2-Dichlorobenzene	8.517	146	129806	46.904	ng		98
15) Benzyl Alcohol	8.400	79	111096m	48.293	ng		
16) 2,2'-oxybis(1-Chloropr...	8.687	45	207945	47.293	ng		99
17) 2-Methylphenol	8.611	107	106130	47.166	ng		98
18) Hexachloroethane	9.251	117	53650	53.974	ng		94
19) n-Nitroso-di-n-propyla...	8.969	70	92571	42.565	ng		97
20) 3+4-Methylphenols	8.946	107	144943	46.112	ng		98
22) Acetophenone	8.993	105	196638	47.330	ng		96
24) Nitrobenzene	9.381	77	142536	45.111	ng		98
25) Isophorone	9.904	82	261938	45.701	ng	#	96
26) 2-Nitrophenol	10.098	139	72739	49.868	ng		93
27) 2,4-Dimethylphenol	10.150	122	120272m	54.178	ng		
28) bis(2-Chloroethoxy)met...	10.380	93	148948	48.407	ng		99
29) 2,4-Dichlorophenol	10.644	162	124910	47.010	ng		97
30) 1,2,4-Trichlorobenzene	10.850	180	139433	45.168	ng		98
31) Naphthalene	11.044	128	390025	45.125	ng		98
32) Benzoic acid	10.338	122	53035	29.037	ng	#	80
33) 4-Chloroaniline	11.149	127	80280	22.516	ng		98
34) Hexachlorobutadiene	11.314	225	92719	43.987	ng		97
35) Caprolactam	11.937	113	44600m	48.505	ng		
36) 4-Chloro-3-methylphenol	12.277	107	130203	44.584	ng		97
37) 2-Methylnaphthalene	12.636	142	301616	46.607	ng		99
38) 1-Methylnaphthalene	12.859	142	278325	44.302	ng		100
40) 1,2,4,5-Tetrachloroben...	13.006	216	166160	49.109	ng		99
41) Hexachlorocyclopentadiene	12.977	237	29521	17.311	ng		92
43) 2,4,6-Trichlorophenol	13.247	196	102364	44.351	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.329	196	106952	42.167	ng		96
46) 1,1'-Biphenyl	13.635	154	369093	47.043	ng		99
47) 2-Chloronaphthalene	13.682	162	276272	45.302	ng		98
48) 2-Nitroaniline	13.881	65	91551	45.661	ng		96
49) Acenaphthylene	14.528	152	439069	43.722	ng		99
50) Dimethylphthalate	14.246	163	340866	39.715	ng		98
51) 2,6-Dinitrotoluene	14.375	165	75889	43.243	ng		94
52) Acenaphthene	14.863	154	299881m	45.691	ng		
53) 3-Nitroaniline	14.704	138	56848	29.509	ng		97
54) 2,4-Dinitrophenol	14.927	184	52949	52.476	ng		97
55) Dibenzofuran	15.197	168	435101	42.973	ng		97
56) 4-Nitrophenol	15.033	139	109676	72.537	ng		94
57) 2,4-Dinitrotoluene	15.162	165	106148	42.901	ng		98
58) Fluorene	15.844	166	349547	43.224	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.427	232	90618	36.872	ng	#	88
60) Diethylphthalate	15.597	149	331917	38.250	ng		99
61) 4-Chlorophenyl-phenyle...	15.826	204	185562	41.743	ng		96
62) 4-Nitroaniline	15.867	138	66527	33.035	ng		89
63) Azobenzene	16.120	77	315279	41.617	ng		97
65) 4,6-Dinitro-2-methylph...	15.932	198	44276	34.990	ng		93
66) n-Nitrosodiphenylamine	16.044	169	301356	48.254	ng		98
67) 4-Bromophenyl-phenylether	16.719	248	120276	46.582	ng		99
68) Hexachlorobenzene	16.848	284	128132	44.754	ng		98
69) Atrazine	16.984	200	119844	48.521	ng		98
70) Pentachlorophenol	17.201	266	113752	64.950	ng		99
71) Phenanthrene	17.583	178	620877	50.771	ng		99
72) Anthracene	17.677	178	557601	46.929	ng		99
73) Carbazole	17.947	167	471179	44.111	ng		99
74) Di-n-butylphthalate	18.476	149	563883	42.514	ng		99
75) Fluoranthene	19.586	202	744452	50.039	ng		99
77) Benzidine	19.763	184	205924	40.148	ng		100
78) Pyrene	19.945	202	764684	50.955	ng		99
80) Butylbenzylphthalate	20.803	149	249258	42.428	ng		98
81) Benzo(a)anthracene	21.807	228	730182	47.817	ng		99
82) 3,3'-Dichlorobenzidine	21.707	252	84860	15.815	ng		98
83) Chrysene	21.872	228	680580	46.816	ng		99
84) Bis(2-ethylhexyl)phtha...	21.666	149	366351	43.391	ng		99
85) Di-n-octyl phthalate	22.912	149	628156	43.474	ng		98
87) Indeno(1,2,3-cd)pyrene	29.058	276	701656	36.264	ng	#	56
88) Benzo(b)fluoranthene	24.116	252	754719	49.067	ng		98
89) Benzo(k)fluoranthene	24.181	252	716778	46.750	ng		99
90) Benzo(a)pyrene	25.027	252	674779	51.123	ng		99
91) Dibenzo(a,h)anthracene	29.111	278	574623	36.343	ng		99
92) Benzo(g,h,i)perylene	30.268	276	541643	33.989	ng		100

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

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