Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121322\
Data File : BG055949.D
Acq On : 13 Dec 2022 19:15
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Dec 14 01:55:11 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 01:49:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.372	152	4993	20.000	ng		0.00
21) Naphthalene-d8	11.204	136	19161	20.000	ng	#	0.00
39) Acenaphthene-d10	14.976	164	18662	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	56939	20.000	ng		0.00
76) Chrysene-d12	22.021	240	73372	20.000	ng		0.00
86) Perylene-d12	25.517	264	83848	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.887	112	8793	31.832	ng		0.00
7) Phenol-d6	7.491	99	10896	29.632	ng		0.00
23) Nitrobenzene-d5	9.542	82	10415	28.729	ng		0.00
42) 2,4,6-Tribromophenol	16.451	330	18536	70.537	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	54259	43.557	ng		0.00
79) Terphenyl-d14	20.288	244	167825	45.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.719	88	1181	10.004	ng	#	85
3) Pyridine	4.136	79	4337	11.976	ng		92
4) n-Nitrosodimethylamine	4.042	42	3977	20.742	ng	#	98
6) Aniline	7.685	93	6755	14.626	ng		98
8) 2-Chlorophenol	7.926	128	5595	17.718	ng		97
9) Benzaldehyde	7.497	77	3627	14.524	ng		97
10) Phenol	7.520	94	6023	14.629	ng		98
11) bis(2-Chloroethyl)ether	7.773	93	3652	11.574	ng		88
12) 1,3-Dichlorobenzene	8.261	146	7282	19.614	ng		93
13) 1,4-Dichlorobenzene	8.408	146	7371	19.647	ng		97
14) 1,2-Dichlorobenzene	8.737	146	7043	19.590	ng		95
15) Benzyl Alcohol	8.596	79	5852	19.582	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.901	45	5182	9.072	ng		87
17) 2-Methylphenol	8.795	107	4729	16.178	ng	#	86
18) Hexachloroethane	9.477	117	2281	17.665	ng	#	87
19) n-Nitroso-di-n-propyla...	9.171	70	4168	14.753	ng		97
20) 3+4-Methylphenols	9.124	107	7099	17.385	ng		95
22) Acetophenone	9.195	105	9321	18.721	ng		91
24) Nitrobenzene	9.589	77	5119	13.519	ng		98
25) Isophorone	10.106	82	11598	16.885	ng		99
26) 2-Nitrophenol	10.300	139	3187	18.232	ng		89
27) 2,4-Dimethylphenol	10.341	122	5544	20.839	ng		90
28) bis(2-Chloroethoxy)met...	10.582	93	5254	14.248	ng		94
29) 2,4-Dichlorophenol	10.828	162	7588	23.829	ng		99
30) 1,2,4-Trichlorobenzene	11.063	180	10149	27.434	ng		98
31) Naphthalene	11.257	128	20063	19.369	ng		99
32) Benzoic acid	10.417	122	3930	17.955	ng		95
33) 4-Chloroaniline	11.351	127	8759	20.499	ng	#	94
34) Hexachlorobutadiene	11.533	225	9649	38.197	ng		91
35) Caprolactam	12.097	113	2377	21.571	ng		92
36) 4-Chloro-3-methylphenol	12.432	107	7440	21.258	ng		97
37) 2-Methylnaphthalene	12.832	142	17439	22.486	ng		98
38) 1-Methylnaphthalene	13.049	142	17370	23.071	ng		99
40) 1,2,4,5-Tetrachloroben...	13.190	216	15731	26.824	ng		99
41) Hexachlorocyclopentadiene	13.173	237	8694	29.413	ng		95
43) 2,4,6-Trichlorophenol	13.414	196	9232	23.077	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	10834	24.644	ng		96
46) 1,1'-Biphenyl	13.819	154	25916	19.057	ng		99
47) 2-Chloronaphthalene	13.866	162	20820	19.697	ng		95
48) 2-Nitroaniline	14.048	65	3566	10.261	ng		96
49) Acenaphthylene	14.706	152	33770	19.401	ng		99
50) Dimethylphthalate	14.418	163	33900	22.787	ng		98
51) 2,6-Dinitrotoluene	14.536	165	5161	16.967	ng		89
52) Acenaphthene	15.041	154	22547	19.820	ng		96
53) 3-Nitroaniline	14.865	138	5108	15.297	ng		96
54) 2,4-Dinitrophenol	15.065	184	3715	21.242	ng	#	75
55) Dibenzofuran	15.370	168	38225	21.781	ng		99
56) 4-Nitrophenol	15.141	139	4295	16.388	ng	#	79
57) 2,4-Dinitrotoluene	15.311	165	7490	17.465	ng	#	96
58) Fluorene	16.016	166	31435	22.427	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.587	232	12197	28.633	ng	#	98
60) Diethylphthalate	15.770	149	33252	22.108	ng		97
61) 4-Chlorophenyl-phenyle...	16.005	204	20939	27.176	ng		99
62) 4-Nitroaniline	16.022	138	5831	16.705	ng	#	80
63) Azobenzene	16.293	77	20055	15.273	ng		99
65) 4,6-Dinitro-2-methylph...	16.075	198	5294	16.651	ng		92
66) n-Nitrosodiphenylamine	16.210	169	29796	18.988	ng		97
67) 4-Bromophenyl-phenylether	16.898	248	16897	26.045	ng		91
68) Hexachlorobenzene	17.015	284	20772	28.876	ng		99
69) Atrazine	17.144	200	14859	23.943	ng		95
70) Pentachlorophenol	17.350	266	11938	27.128	ng		95
71) Phenanthrene	17.756	178	59955	19.512	ng		96
72) Anthracene	17.849	178	60057	20.116	ng		98
73) Carbazole	18.108	167	50450	18.797	ng		97
74) Di-n-butylphthalate	18.649	149	59900	17.974	ng		99
75) Fluoranthene	19.741	202	87699	23.461	ng		100
77) Benzidine	19.906	184	24222	14.270	ng		98
78) Pyrene	20.106	202	88333	17.786	ng		98
80) Butylbenzylphthalate	20.975	149	24841	12.777	ng		96
81) Benzo(a)anthracene	22.003	228	104077	20.595	ng		98
82) 3,3'-Dichlorobenzidine	21.898	252	37691	21.226	ng		92
83) Chrysene	22.074	228	96606	20.080	ng		99
84) Bis(2-ethylhexyl)phtha...	21.886	149	36624	13.107	ng		98
85) Di-n-octyl phthalate	23.196	149	64619	13.514	ng		100
87) Indeno(1,2,3-cd)pyrene	29.530	276	135655	19.749	ng	#	98
88) Benzo(b)fluoranthene	24.395	252	111127	20.351	ng		99
89) Benzo(k)fluoranthene	24.471	252	108687	19.968	ng		97
90) Benzo(a)pyrene	25.352	252	92732	19.789	ng	#	97
91) Dibenzo(a,h)anthracene	29.606	278	114393	20.379	ng		98
92) Benzo(g,h,i)perylene	30.793	276	109155	19.294	ng		94

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

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