Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
Data File : BG055518.D
Acq On : 9 Nov 2022 11:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Nov 10 03:18:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:18:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.272	152	42824	20.000	ng		0.00
21) Naphthalene-d8	11.099	136	189748	20.000	ng		0.00
39) Acenaphthene-d10	14.888	164	140223	20.000	ng		0.00
64) Phenanthrene-d10	17.632	188	339675	20.000	ng		0.00
76) Chrysene-d12	21.927	240	334023	20.000	ng		0.00
86) Perylene-d12	25.352	264	348479	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	21273	9.462	ng		0.00
7) Phenol-d6	7.397	99	30593	9.851	ng		0.00
23) Nitrobenzene-d5	9.436	82	21405	11.617	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.519	172	96766	10.409	ng		0.00
79) Terphenyl-d14	20.217	244	176706	10.626	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.637	88	6150	5.385	ng		98
3) Pyridine	4.060	79	13509	4.255	ng		97
4) n-Nitrosodimethylamine	3.960	42	8327	4.818	ng	#	91
6) Aniline	7.585	93	21055	5.104	ng		93
8) 2-Chlorophenol	7.826	128	11862	4.713	ng		96
9) Benzaldehyde	7.397	77	14419	5.885	ng		95
10) Phenol	7.426	94	18051	5.049	ng		89
11) bis(2-Chloroethyl)ether	7.673	93	15427	5.359	ng		98
12) 1,3-Dichlorobenzene	8.161	146	16445	5.230	ng		89
13) 1,4-Dichlorobenzene	8.308	146	17234	5.416	ng		95
14) 1,2-Dichlorobenzene	8.631	146	15965	5.283	ng		95
15) Benzyl Alcohol	8.502	79	11871	4.383	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.795	45	29647	5.360	ng		98
17) 2-Methylphenol	8.695	107	11917	4.737	ng		93
18) Hexachloroethane	9.371	117	5385	5.098	ng		94
19) n-Nitroso-di-n-propyla...	9.066	70	13359	5.205	ng		92
20) 3+4-Methylphenols	9.019	107	15856	4.524	ng		96
22) Acetophenone	9.095	105	26091	5.169	ng		96
24) Nitrobenzene	9.483	77	11641	5.908	ng		94
25) Isophorone	10.000	82	35045	4.901	ng		99
26) 2-Nitrophenol	10.194	139	3188	6.270	ng	#	94
27) 2,4-Dimethylphenol	10.241	122	10948	4.282	ng		90
28) bis(2-Chloroethoxy)met...	10.487	93	18756	4.865	ng		97
29) 2,4-Dichlorophenol	10.728	162	10635	3.785	ng		92
30) 1,2,4-Trichlorobenzene	10.957	180	17089	4.856	ng		99
31) Naphthalene	11.151	128	51966	5.066	ng		98
33) 4-Chloroaniline	11.245	127	20354	4.747	ng		98
34) Hexachlorobutadiene	11.433	225	11459	4.882	ng		89
35) Caprolactam	11.980	113	3234	3.376	ng	#	86
36) 4-Chloro-3-methylphenol	12.338	107	13547	4.090	ng		97
37) 2-Methylnaphthalene	12.738	142	39242	5.091	ng		98
38) 1-Methylnaphthalene	12.955	142	38697	5.133	ng		96
40) 1,2,4,5-Tetrachloroben...	13.096	216	21230	5.068	ng		98
41) Hexachlorocyclopentadiene	13.079	237	6625	3.541	ng		91
43) 2,4,6-Trichlorophenol	13.325	196	8464	6.276	ng		98
44) 2,4,5-Trichlorophenol	13.390	196	10126	5.696	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.731	154	52834	5.150	ng		98
47) 2-Chloronaphthalene	13.772	162	40930	5.166	ng		99
48) 2-Nitroaniline	13.966	65	5549	8.032	ng		95
49) Acenaphthylene	14.612	152	65621	5.005	ng		99
50) Dimethylphthalate	14.330	163	47471	4.455	ng	#	97
51) 2,6-Dinitrotoluene	14.448	165	5240	7.047	ng		92
52) Acenaphthene	14.953	154	40001	4.887	ng		93
53) 3-Nitroaniline	14.777	138	6462	6.419	ng	#	94
55) Dibenzofuran	15.282	168	67948	5.193	ng		98
57) 2,4-Dinitrotoluene	15.229	165	6763	7.601	ng		88
58) Fluorene	15.934	166	54930	5.277	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.499	232	9286	5.892	ng	#	92
60) Diethylphthalate	15.687	149	48797	4.502	ng		98
61) 4-Chlorophenyl-phenyle...	15.922	204	29447	5.318	ng		96
62) 4-Nitroaniline	15.928	138	7558	5.761	ng		95
63) Azobenzene	16.210	77	54300	5.168	ng		97
66) n-Nitrosodiphenylamine	16.128	169	46936	4.933	ng		100
67) 4-Bromophenyl-phenylether	16.815	248	16924	4.884	ng		95
68) Hexachlorobenzene	16.933	284	21076	5.116	ng		97
69) Atrazine	17.062	200	13431	3.900	ng		98
71) Phenanthrene	17.673	178	93662	5.131	ng		97
72) Anthracene	17.761	178	92200	5.154	ng		98
73) Carbazole	18.026	167	81323	5.030	ng		99
74) Di-n-butylphthalate	18.572	149	72720	3.923	ng		99
75) Fluoranthene	19.665	202	111919	5.141	ng		97
77) Benzidine	19.835	184	44306	4.903	ng		98
78) Pyrene	20.023	202	116551	5.156	ng		98
80) Butylbenzylphthalate	20.905	149	24240	5.982	ng		98
81) Benzo(a)anthracene	21.909	228	116415	5.088	ng		99
82) 3,3'-Dichlorobenzidine	21.809	252	32396	4.339	ng		97
83) Chrysene	21.974	228	110816	5.094	ng		96
84) Bis(2-ethylhexyl)phtha...	21.804	149	40657	5.410	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.277	276	129877	4.893	ng		98
88) Benzo(b)fluoranthene	24.254	252	109035	4.938	ng		100
89) Benzo(k)fluoranthene	24.324	252	115430	5.114	ng		98
90) Benzo(a)pyrene	25.182	252	93533	4.918	ng		100
91) Dibenzo(a,h)anthracene	29.354	278	108723	4.949	ng	#	95
92) Benzo(g,h,i)perylene	30.493	276	103101	4.801	ng		96

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

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