Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
Data File : BG054970.D
Acq On : 19 Sep 2022 12:51
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Sep 19 16:03:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 16:00:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	34351	20.000	ng		0.00
21) Naphthalene-d8	10.887	136	136654	20.000	ng	#	0.00
39) Acenaphthene-d10	14.706	164	98084	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	239441	20.000	ng		0.00
76) Chrysene-d12	21.733	240	241637	20.000	ng		0.00
86) Perylene-d12	25.035	264	258792	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	34833	17.658	ng		0.00
7) Phenol-d6	7.221	99	46853	17.367	ng		0.00
23) Nitrobenzene-d5	9.236	82	46059	17.694	ng		0.00
42) 2,4,6-Tribromophenol	16.198	330	20501	16.727	ng		0.00
45) 2-Fluorobiphenyl	13.325	172	126245	19.345	ng		0.00
79) Terphenyl-d14	20.053	244	244804	20.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	8854	9.400	ng	#	81
3) Pyridine	3.830	79	22805	8.680	ng		91
4) n-Nitrosodimethylamine	3.748	42	8243	7.258	ng	#	82
6) Aniline	7.379	93	29321	9.148	ng		95
8) 2-Chlorophenol	7.626	128	20691	9.600	ng		93
9) Benzaldehyde	7.197	77	17335	9.804	ng		98
10) Phenol	7.250	94	25188	9.079	ng		97
11) bis(2-Chloroethyl)ether	7.473	93	20113	9.014	ng		94
12) 1,3-Dichlorobenzene	7.949	146	24271	9.731	ng		97
13) 1,4-Dichlorobenzene	8.096	146	24775	9.848	ng		98
14) 1,2-Dichlorobenzene	8.419	146	23687	9.930	ng		95
15) Benzyl Alcohol	8.302	79	16468	8.450	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.584	45	25218	7.223	ng		92
17) 2-Methylphenol	8.513	107	17640	9.235	ng		98
18) Hexachloroethane	9.148	117	8691	9.527	ng		94
19) n-Nitroso-di-n-propyla...	8.866	70	15916	8.579	ng	#	88
20) 3+4-Methylphenols	8.842	107	24669	9.313	ng		96
22) Acetophenone	8.889	105	31940	9.342	ng	#	93
24) Nitrobenzene	9.277	77	23093	8.801	ng		98
25) Isophorone	9.800	82	42610	8.779	ng		98
26) 2-Nitrophenol	10.000	139	11523	9.942	ng		94
27) 2,4-Dimethylphenol	10.053	122	16603	9.041	ng		95
28) bis(2-Chloroethoxy)met...	10.282	93	24285	8.781	ng		98
29) 2,4-Dichlorophenol	10.540	162	19779	9.470	ng		97
30) 1,2,4-Trichlorobenzene	10.746	180	23871	10.001	ng		96
31) Naphthalene	10.940	128	71845	9.799	ng		98
32) Benzoic acid	10.053	122	16603	14.339	ng	#	14
33) 4-Chloroaniline	11.051	127	27372	9.157	ng		96
34) Hexachlorobutadiene	11.210	225	15551	10.169	ng		100
35) Caprolactam	11.803	113	6939	9.417	ng	#	77
36) 4-Chloro-3-methylphenol	12.174	107	21125	9.249	ng		100
37) 2-Methylnaphthalene	12.538	142	49701	9.672	ng		97
38) 1-Methylnaphthalene	12.761	142	49052	9.811	ng		97
40) 1,2,4,5-Tetrachloroben...	12.908	216	28274	9.563	ng	#	97
43) 2,4,6-Trichlorophenol	13.149	196	14871	7.578	ng		97
44) 2,4,5-Trichlorophenol	13.231	196	16592	7.528	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.543	154	65665	9.015	ng		98
47) 2-Chloronaphthalene	13.590	162	51348	9.283	ng		97
48) 2-Nitroaniline	13.795	65	13789	7.954	ng	#	85
49) Acenaphthylene	14.430	152	87451	9.580	ng		98
50) Dimethylphthalate	14.148	163	73550	9.733	ng		99
51) 2,6-Dinitrotoluene	14.283	165	15166	9.812	ng	#	81
52) Acenaphthene	14.771	154	51743	8.824	ng		96
53) 3-Nitroaniline	14.618	138	15737	9.095	ng		90
55) Dibenzofuran	15.105	168	84619	9.821	ng		96
56) 4-Nitrophenol	14.941	139	6625	4.948	ng		91
57) 2,4-Dinitrotoluene	15.070	165	21035	9.839	ng		85
58) Fluorene	15.752	166	71978	9.916	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.335	232	12069	6.075	ng	#	97
60) Diethylphthalate	15.505	149	73966	9.803	ng		96
61) 4-Chlorophenyl-phenyle...	15.740	204	35881	10.021	ng		93
62) 4-Nitroaniline	15.775	138	16887	9.560	ng		97
63) Azobenzene	16.028	77	59320	8.272	ng		93
65) 4,6-Dinitro-2-methylph...	15.840	198	7790	6.391	ng		96
66) n-Nitrosodiphenylamine	15.951	169	63437	9.187	ng		97
67) 4-Bromophenyl-phenylether	16.633	248	25576	9.729	ng		95
68) Hexachlorobenzene	16.756	284	29943	10.132	ng	#	93
69) Atrazine	16.892	200	24244	9.952	ng		98
71) Phenanthrene	17.497	178	121910	9.558	ng		98
72) Anthracene	17.585	178	119683	9.651	ng		97
73) Carbazole	17.861	167	107953	9.448	ng		98
74) Di-n-butylphthalate	18.396	149	135196	9.351	ng	#	98
75) Fluoranthene	19.506	202	156005	10.054	ng		97
77) Benzidine	19.682	184	59380	9.921	ng		99
78) Pyrene	19.870	202	161325	9.575	ng		97
80) Butylbenzylphthalate	20.734	149	60555	8.616	ng		91
81) Benzo(a)anthracene	21.709	228	154224	9.413	ng		97
82) 3,3'-Dichlorobenzidine	21.621	252	53884	9.381	ng		98
83) Chrysene	21.780	228	148990	9.511	ng		98
84) Bis(2-ethylhexyl)phtha...	21.586	149	86828	8.575	ng		100
85) Di-n-octyl phthalate	22.820	149	152350	8.872	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.848	276	204842	10.426	ng	#	95
88) Benzo(b)fluoranthene	23.977	252	150606	9.277	ng		98
89) Benzo(k)fluoranthene	24.048	252	154631	9.464	ng		98
90) Benzo(a)pyrene	24.876	252	131068	9.450	ng		97
91) Dibenzo(a,h)anthracene	28.901	278	168799	10.546	ng		98
92) Benzo(g,h,i)perylene	30.041	276	174449	10.789	ng		98

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

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