Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
Data File : BG055032.D
Acq On : 28 Sep 2022 12:42
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Sep 28 14:27:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 14:23:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	33870	20.000	ng	0.00
21) Naphthalene-d8	11.185	136	135169	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	95926	20.000	ng	0.00
64) Phenanthrene-d10	17.689	188	234316	20.000	ng	0.00
76) Chrysene-d12	21.996	240	240545	20.000	ng	# 0.00
86) Perylene-d12	25.456	264	263610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	142462	82.301	ng	0.00
7) Phenol-d6	7.471	99	192038	82.769	ng	0.00
23) Nitrobenzene-d5	9.522	82	177109	75.946	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	92750	82.535	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	492138	80.854	ng	0.00
79) Terphenyl-d14	20.268	244	939696	81.717	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.705	88	34525	41.055	ng	95
3) Pyridine	4.117	79	102178	44.714	ng	100
4) n-Nitrosodimethylamine	4.028	42	48715	58.427	ng	90
6) Aniline	7.660	93	125263	43.166	ng	97
8) 2-Chlorophenol	7.906	128	79538	39.008	ng	97
9) Benzaldehyde	7.471	77	61897	41.876	ng	97
10) Phenol	7.501	94	107198	42.635	ng	93
11) bis(2-Chloroethyl)ether	7.754	93	79660	40.059	ng	99
12) 1,3-Dichlorobenzene	8.241	146	95810	40.284	ng	97
13) 1,4-Dichlorobenzene	8.388	146	97530	40.237	ng	97
14) 1,2-Dichlorobenzene	8.711	146	91185	39.926	ng	99
15) Benzyl Alcohol	8.576	79	83790	49.378	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.876	45	134357	55.128	ng	98
17) 2-Methylphenol	8.770	107	75888	42.816	ng	96
18) Hexachloroethane	9.452	117	32614	39.147	ng	98
19) n-Nitroso-di-n-propyla...	9.152	70	76016	47.601	ng	95
20) 3+4-Methylphenols	9.099	107	106570	42.984	ng	95
22) Acetophenone	9.175	105	135392	42.381	ng	99
24) Nitrobenzene	9.563	77	97113	41.563	ng	96
25) Isophorone	10.086	82	195374	44.126	ng	99
26) 2-Nitrophenol	10.280	139	35618	28.953	ng	96
27) 2,4-Dimethylphenol	10.321	122	75091	43.237	ng	96
28) bis(2-Chloroethoxy)met...	10.568	93	100689	40.376	ng	99
29) 2,4-Dichlorophenol	10.815	162	87065	41.995	ng	95
30) 1,2,4-Trichlorobenzene	11.038	180	97346	40.744	ng	99
31) Naphthalene	11.232	128	287173	40.631	ng	99
32) Benzoic acid	10.433	122	47985	101.461	ng	97
33) 4-Chloroaniline	11.326	127	120933	41.989	ng	98
34) Hexachlorobutadiene	11.514	225	63964	40.311	ng	97
35) Caprolactam	12.090	113	29364	38.869	ng	95
36) 4-Chloro-3-methylphenol	12.413	107	97453	44.014	ng	95
37) 2-Methylnaphthalene	12.812	142	208275	41.364	ng	98
38) 1-Methylnaphthalene	13.030	142	200859	40.787	ng	97
40) 1,2,4,5-Tetrachloroben...	13.171	216	113017	40.290	ng	99
41) Hexachlorocyclopentadiene	13.147	237	58590	214.753	ng	98
43) 2,4,6-Trichlorophenol	13.394	196	76340	47.367	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.464	196	86534	46.762	ng		99
46) 1,1'-Biphenyl	13.799	154	265567	41.032	ng		98
47) 2-Chloronaphthalene	13.846	162	214464	42.387	ng		98
48) 2-Nitroaniline	14.034	65	56725	38.206	ng		97
49) Acenaphthylene	14.687	152	352563	41.234	ng		97
50) Dimethylphthalate	14.399	163	296920	40.876	ng		99
51) 2,6-Dinitrotoluene	14.516	165	52152	33.769	ng		97
52) Acenaphthene	15.021	154	218905	41.552	ng		99
53) 3-Nitroaniline	14.845	138	62100	37.064	ng	#	96
54) 2,4-Dinitrophenol	15.045	184	24792	65.946	ng	#	66
55) Dibenzofuran	15.351	168	353145	42.670	ng		99
56) 4-Nitrophenol	15.121	139	49129	52.860	ng		95
57) 2,4-Dinitrotoluene	15.298	165	70433	32.062	ng		93
58) Fluorene	15.997	166	281351	40.054	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.562	232	80261	51.462	ng		97
60) Diethylphthalate	15.750	149	306373	42.245	ng		99
61) 4-Chlorophenyl-phenyle...	15.985	204	151115	42.576	ng		99
62) 4-Nitroaniline	16.003	138	66939	38.362	ng		91
63) Azobenzene	16.273	77	279981	47.201	ng		97
65) 4,6-Dinitro-2-methylph...	16.056	198	35850	32.730	ng		95
66) n-Nitrosodiphenylamine	16.191	169	253885	40.525	ng		98
67) 4-Bromophenyl-phenylether	16.872	248	101186	39.156	ng		99
68) Hexachlorobenzene	16.996	284	115583	38.938	ng		97
69) Atrazine	17.125	200	97298	40.918	ng		99
70) Pentachlorophenol	17.331	266	68649	117.711	ng		96
71) Phenanthrene	17.736	178	491763	41.209	ng		98
72) Anthracene	17.824	178	480941	41.314	ng		98
73) Carbazole	18.083	167	451590	42.368	ng		98
74) Di-n-butylphthalate	18.629	149	561646	42.484	ng		99
75) Fluoranthene	19.722	202	624985	41.351	ng		97
77) Benzidine	19.886	184	249136	41.803	ng		99
78) Pyrene	20.080	202	635236	40.171	ng		99
80) Butylbenzylphthalate	20.956	149	242386	39.448	ng		95
81) Benzo(a)anthracene	21.972	228	629735	40.706	ng		99
82) 3,3'-Dichlorobenzidine	21.872	252	210544	39.233	ng		98
83) Chrysene	22.043	228	591774	39.960	ng		98
84) Bis(2-ethylhexyl)phtha...	21.861	149	354129	40.181	ng		99
85) Di-n-octyl phthalate	23.165	149	595465	39.078	ng		99
87) Indeno(1,2,3-cd)pyrene	29.452	276	796424	40.639	ng		97
88) Benzo(b)fluoranthene	24.352	252	647465	41.642	ng	#	98
89) Benzo(k)fluoranthene	24.422	252	637550	40.617	ng	#	98
90) Benzo(a)pyrene	25.292	252	550572	41.124	ng	#	97
91) Dibenzo(a,h)anthracene	29.534	278	649832	40.282	ng	#	97
92) Benzo(g,h,i)perylene	30.697	276	642433	39.501	ng	#	94

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

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