Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054392.D
Acq On : 26 Jul 2022 10:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jul 27 04:32:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.985	152	20203	20.000	ng		-0.02
21) Naphthalene-d8	10.799	136	75846	20.000	ng		# 0.00
39) Acenaphthene-d10	14.624	164	58681	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	152380	20.000	ng		# 0.00
76) Chrysene-d12	21.634	240	161208	20.000	ng		# 0.00
86) Perylene-d12	24.836	264	177856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	81963	84.705	ng		0.00
7) Phenol-d6	7.174	99	113383	85.514	ng		0.00
23) Nitrobenzene-d5	9.154	82	115165	82.688	ng		0.00
42) 2,4,6-Tribromophenol	16.117	330	97534	79.162	ng		0.00
45) 2-Fluorobiphenyl	13.243	172	335279	80.601	ng		-0.01
79) Terphenyl-d14	19.977	244	681382	83.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88	15520	40.316	ng		93
3) Pyridine	3.819	79	42675	43.699	ng		98
4) n-Nitrosodimethylamine	3.731	42	23766	43.524	ng	#	81
6) Aniline	7.309	93	64802	42.341	ng		96
8) 2-Chlorophenol	7.562	128	47428	42.651	ng		89
9) Benzaldehyde	7.121	77	30760	46.830	ng		86
10) Phenol	7.198	94	56469	42.866	ng		96
11) bis(2-Chloroethyl)ether	7.403	93	40646	42.317	ng		93
12) 1,3-Dichlorobenzene	7.873	146	57061	42.115	ng		92
13) 1,4-Dichlorobenzene	8.020	146	57939	41.410	ng		99
14) 1,2-Dichlorobenzene	8.343	146	55272	41.891	ng		97
15) Benzyl Alcohol	8.232	79	46354	42.507	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.520	45	52938	43.762	ng		90
17) 2-Methylphenol	8.449	107	40670	42.833	ng		94
18) Hexachloroethane	9.072	117	20176	43.550	ng	#	63
19) n-Nitroso-di-n-propyla...	8.796	70	37121	41.926	ng		97
20) 3+4-Methylphenols	8.778	107	56363	42.130	ng		97
22) Acetophenone	8.813	105	73606	40.350	ng	#	96
24) Nitrobenzene	9.195	77	56243	41.320	ng	#	87
25) Isophorone	9.718	82	98729	40.759	ng	#	93
26) 2-Nitrophenol	9.906	139	28709	41.844	ng	#	83
27) 2,4-Dimethylphenol	9.977	122	38223	40.329	ng		90
28) bis(2-Chloroethoxy)met...	10.200	93	50429	41.278	ng		96
29) 2,4-Dichlorophenol	10.458	162	58081	40.599	ng		90
30) 1,2,4-Trichlorobenzene	10.658	180	73080	41.246	ng	#	94
31) Naphthalene	10.846	128	155257	40.779	ng		98
32) Benzoic acid	10.141	122	15443	42.161	ng	#	78
33) 4-Chloroaniline	10.958	127	63424	40.964	ng		95
34) Hexachlorobutadiene	11.128	225	64483	41.181	ng		96
35) Caprolactam	11.733	113	14915	41.406	ng	#	80
36) 4-Chloro-3-methylphenol	12.098	107	53103	40.802	ng		88
37) 2-Methylnaphthalene	12.456	142	116917	39.988	ng		98
38) 1-Methylnaphthalene	12.674	142	113925	39.988	ng		98
40) 1,2,4,5-Tetrachloroben...	12.826	216	102997	40.063	ng	#	96
41) Hexachlorocyclopentadiene	12.803	237	26211	36.555	ng		94
43) 2,4,6-Trichlorophenol	13.067	196	58689	41.926	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.155	196	63507	40.152	ng	#	92
46) 1,1'-Biphenyl	13.455	154	164813	41.054	ng		95
47) 2-Chloronaphthalene	13.502	162	137168	40.827	ng		95
48) 2-Nitroaniline	13.708	65	36335	41.440	ng	#	86
49) Acenaphthylene	14.348	152	203258	40.715	ng		100
50) Dimethylphthalate	14.078	163	184968	40.355	ng		99
51) 2,6-Dinitrotoluene	14.201	165	40339	40.124	ng	#	75
52) Acenaphthene	14.689	154	123932	40.996	ng		99
53) 3-Nitroaniline	14.530	138	34983	41.606	ng		93
54) 2,4-Dinitrophenol	14.753	184	19489	37.242	ng	#	83
55) Dibenzofuran	15.024	168	213681	39.726	ng		94
56) 4-Nitrophenol	14.877	139	21061	37.544	ng		90
57) 2,4-Dinitrotoluene	14.994	165	58079	40.298	ng	#	82
58) Fluorene	15.676	166	176602	39.933	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.259	232	60871	39.530	ng	#	86
60) Diethylphthalate	15.435	149	176309	40.097	ng		96
61) 4-Chlorophenyl-phenyle...	15.658	204	117301	40.408	ng	#	87
62) 4-Nitroaniline	15.694	138	37007	41.893	ng		84
63) Azobenzene	15.952	77	129970	40.909	ng		86
65) 4,6-Dinitro-2-methylph...	15.764	198	38070	40.439	ng		77
66) n-Nitrosodiphenylamine	15.876	169	158933	41.776	ng		94
67) 4-Bromophenyl-phenylether	16.551	248	86568	40.450	ng	#	90
68) Hexachlorobenzene	16.686	284	98868	40.398	ng	#	90
69) Atrazine	16.822	200	66813	39.465	ng		93
70) Pentachlorophenol	17.033	266	34005	34.301	ng		90
71) Phenanthrene	17.415	178	308777	40.690	ng		98
72) Anthracene	17.503	178	303705	40.784	ng		98
73) Carbazole	17.773	167	251476	41.019	ng		99
74) Di-n-butylphthalate	18.326	149	297370	41.103	ng	#	97
75) Fluoranthene	19.424	202	396411	38.322	ng		95
77) Benzidine	19.595	184	115415	39.531	ng		99
78) Pyrene	19.783	202	396157	42.828	ng		99
80) Butylbenzylphthalate	20.658	149	124168	43.075	ng	#	85
81) Benzo(a)anthracene	21.616	228	417298	40.778	ng		99
82) 3,3'-Dichlorobenzidine	21.528	252	134830	42.365	ng	#	98
83) Chrysene	21.681	228	399214	41.292	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	170963	41.914	ng	#	94
85) Di-n-octyl phthalate	22.709	149	297290	42.723	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.520	276	547735	40.482	ng	#	95
88) Benzo(b)fluoranthene	23.819	252	429337	40.818	ng	#	98
89) Benzo(k)fluoranthene	23.884	252	419363	40.062	ng	#	97
90) Benzo(a)pyrene	24.689	252	365416	40.680	ng	#	98
91) Dibenzo(a,h)anthracene	28.561	278	457660	41.135	ng	#	96
92) Benzo(g,h,i)perylene	29.654	276	450151	40.994	ng	#	93

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

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