Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054299.D
Acq On : 15 Jul 2022 12:31
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Jul 15 14:22:06 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 14:17:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.000	152	18453	20.000	ng		0.00
21) Naphthalene-d8	10.808	136	67261	20.000	ng	#	0.00
39) Acenaphthene-d10	14.633	164	52075	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	140052	20.000	ng	#	0.00
76) Chrysene-d12	21.643	240	158107	20.000	ng	#	0.00
86) Perylene-d12	24.839	264	175745	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.567	112	71542	77.892	ng		0.00
7) Phenol-d6	7.171	99	98683	77.899	ng		0.00
23) Nitrobenzene-d5	9.163	82	103112	83.192	ng		0.00
42) 2,4,6-Tribromophenol	16.126	330	90959	90.171	ng		0.00
45) 2-Fluorobiphenyl	13.258	172	311287	87.833	ng		0.00
79) Terphenyl-d14	19.986	244	677020	88.055	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	13573	33.791	ng		92
3) Pyridine	3.834	79	37771	37.650	ng		96
4) n-Nitrosodimethylamine	3.746	42	20993	41.421	ng	#	75
6) Aniline	7.324	93	56944	38.240	ng		99
8) 2-Chlorophenol	7.565	128	40951	39.780	ng		91
9) Benzaldehyde	7.136	77	24353	32.013	ng		83
10) Phenol	7.195	94	48534	37.973	ng		94
11) bis(2-Chloroethyl)ether	7.418	93	34831	36.954	ng		92
12) 1,3-Dichlorobenzene	7.888	146	49970	39.976	ng		91
13) 1,4-Dichlorobenzene	8.035	146	51691	40.355	ng		98
14) 1,2-Dichlorobenzene	8.358	146	48577	39.495	ng		97
15) Benzyl Alcohol	8.235	79	41799	40.930	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.529	45	45401	34.688	ng		90
17) 2-Methylphenol	8.446	107	35584	38.967	ng		97
18) Hexachloroethane	9.087	117	17142	39.333	ng	#	60
19) n-Nitroso-di-n-propyla...	8.805	70	33724	38.994	ng	#	97
20) 3+4-Methylphenols	8.775	107	49847	38.903	ng		97
22) Acetophenone	8.822	105	67063	41.257	ng	#	95
24) Nitrobenzene	9.204	77	49301	40.461	ng	#	86
25) Isophorone	9.727	82	89495	39.915	ng	#	91
26) 2-Nitrophenol	9.921	139	25737	42.873	ng		90
27) 2,4-Dimethylphenol	9.980	122	34461	41.040	ng		94
28) bis(2-Chloroethoxy)met...	10.209	93	45271	39.664	ng		100
29) 2,4-Dichlorophenol	10.462	162	52735	43.332	ng		87
30) 1,2,4-Trichlorobenzene	10.673	180	64805	43.158	ng	#	93
31) Naphthalene	10.861	128	139182	41.150	ng		99
32) Benzoic acid	10.150	122	12524	36.654	ng	#	83
33) 4-Chloroaniline	10.967	127	56066	39.860	ng		94
34) Hexachlorobutadiene	11.143	225	57730	46.335	ng		98
35) Caprolactam	11.737	113	12526	36.140	ng	#	81
36) 4-Chloro-3-methylphenol	12.095	107	46499	39.713	ng		92
37) 2-Methylnaphthalene	12.465	142	105510	40.705	ng		97
38) 1-Methylnaphthalene	12.683	142	101917	40.498	ng		100
40) 1,2,4,5-Tetrachloroben...	12.835	216	97113	45.942	ng	#	94
41) Hexachlorocyclopentadiene	12.812	237	24985	47.265	ng		99
43) 2,4,6-Trichlorophenol	13.076	196	53446	44.025	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	57937	43.630	ng	#	91
46) 1,1'-Biphenyl	13.470	154	148165	42.310	ng		96
47) 2-Chloronaphthalene	13.511	162	123675	42.246	ng		96
48) 2-Nitroaniline	13.711	65	33191	40.059	ng	#	87
49) Acenaphthylene	14.357	152	185462	41.760	ng		99
50) Dimethylphthalate	14.087	163	168160	41.128	ng		99
51) 2,6-Dinitrotoluene	14.204	165	36878	41.497	ng	#	78
52) Acenaphthene	14.698	154	111166	41.384	ng		99
53) 3-Nitroaniline	14.533	138	30678	38.944	ng		91
54) 2,4-Dinitrophenol	14.751	184	18129	43.509	ng	#	79
55) Dibenzofuran	15.033	168	195947	41.530	ng		94
56) 4-Nitrophenol	14.856	139	20957	41.410	ng		98
57) 2,4-Dinitrotoluene	14.998	165	53790	41.800	ng	#	83
58) Fluorene	15.679	166	161479	41.199	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.262	232	58205	43.762	ng	#	86
60) Diethylphthalate	15.444	149	160809	40.325	ng		96
61) 4-Chlorophenyl-phenyle...	15.667	204	107037	42.992	ng	#	88
62) 4-Nitroaniline	15.697	138	32534	39.542	ng		95
63) Azobenzene	15.961	77	117729	39.173	ng		85
65) 4,6-Dinitro-2-methylph...	15.767	198	36599	44.422	ng		77
66) n-Nitrosodiphenylamine	15.885	169	144168	40.811	ng		95
67) 4-Bromophenyl-phenylether	16.560	248	81364	43.557	ng	#	92
68) Hexachlorobenzene	16.690	284	93198	43.712	ng	#	92
69) Atrazine	16.831	200	63277	40.557	ng		95
70) Pentachlorophenol	17.036	266	37225	43.462	ng		92
71) Phenanthrene	17.418	178	284856	40.660	ng		97
72) Anthracene	17.512	178	280290	40.853	ng		98
73) Carbazole	17.777	167	228365	39.305	ng		99
74) Di-n-butylphthalate	18.335	149	269720	39.204	ng		98
75) Fluoranthene	19.428	202	384541	40.361	ng		95
77) Benzidine	19.604	184	116347	41.920	ng		97
78) Pyrene	19.792	202	386425	42.468	ng		99
80) Butylbenzylphthalate	20.673	149	117993	40.020	ng	#	82
81) Benzo(a)anthracene	21.619	228	416042	41.598	ng		99
82) 3,3'-Dichlorobenzidine	21.531	252	132479	43.339	ng	#	98
83) Chrysene	21.690	228	394448	41.699	ng		97
84) Bis(2-ethylhexyl)phtha...	21.525	149	166596	39.825	ng	#	92
85) Di-n-octyl phthalate	22.724	149	288887	40.114	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.505	276	546145	41.308	ng	#	98
88) Benzo(b)fluoranthene	23.822	252	429910	41.252	ng	#	98
89) Benzo(k)fluoranthene	23.893	252	419337	40.559	ng	#	97
90) Benzo(a)pyrene	24.686	252	365950	41.040	ng	#	97
91) Dibenzo(a,h)anthracene	28.558	278	451245	41.662	ng	#	97
92) Benzo(g,h,i)perylene	29.645	276	444724	41.166	ng	#	94

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

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