Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054341.D
Acq On : 21 Jul 2022 11:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 02:36:12 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	8.000	152	19020	20.000	ng		0.00
21) Naphthalene-d8	10.808	136	71214	20.000	ng	#	0.00
39) Acenaphthene-d10	14.633	164	55857	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	150825	20.000	ng	#	0.00
76) Chrysene-d12	21.648	240	164839	20.000	ng	#	0.00
86) Perylene-d12	24.850	264	176328	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.567	112	76244	83.695	ng		0.00
7) Phenol-d6	7.177	99	106397	85.237	ng		0.00
23) Nitrobenzene-d5	9.163	82	108132	82.688	ng		0.00
42) 2,4,6-Tribromophenol	16.125	330	98892	84.322	ng		0.00
45) 2-Fluorobiphenyl	13.258	172	324855	82.044	ng		0.00
79) Terphenyl-d14	19.991	244	708458	85.261	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	13886	38.315	ng		92
3) Pyridine	3.828	79	40513	44.066	ng		93
4) n-Nitrosodimethylamine	3.746	42	22421	43.614	ng	#	82
6) Aniline	7.324	93	61192	42.469	ng		94
8) 2-Chlorophenol	7.571	128	43461	41.514	ng		88
9) Benzaldehyde	7.130	77	27929	44.715	ng	#	76
10) Phenol	7.200	94	53167	42.870	ng		96
11) bis(2-Chloroethyl)ether	7.412	93	38323	42.381	ng		94
12) 1,3-Dichlorobenzene	7.888	146	52248	40.961	ng		91
13) 1,4-Dichlorobenzene	8.035	146	53422	40.556	ng		99
14) 1,2-Dichlorobenzene	8.352	146	50799	40.896	ng		98
15) Benzyl Alcohol	8.240	79	43730	42.595	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	50640	44.466	ng		95
17) 2-Methylphenol	8.452	107	37815	42.304	ng		95
18) Hexachloroethane	9.081	117	18562	42.558	ng	#	66
19) n-Nitroso-di-n-propyla...	8.804	70	35006	41.996	ng	#	90
20) 3+4-Methylphenols	8.781	107	53567	42.530	ng		97
22) Acetophenone	8.822	105	70251	41.016	ng	#	96
24) Nitrobenzene	9.204	77	52278	40.906	ng	#	88
25) Isophorone	9.727	82	95525	42.002	ng	#	93
26) 2-Nitrophenol	9.921	139	26835	41.657	ng	#	87
27) 2,4-Dimethylphenol	9.985	122	38062	42.771	ng		89
28) bis(2-Chloroethoxy)met...	10.209	93	47985	41.833	ng		99
29) 2,4-Dichlorophenol	10.467	162	56367	41.963	ng		89
30) 1,2,4-Trichlorobenzene	10.673	180	67488	40.568	ng		97
31) Naphthalene	10.861	128	146214	40.901	ng		98
32) Benzoic acid	10.138	122	20075	55.423	ng	#	84
33) 4-Chloroaniline	10.961	127	60656	41.724	ng		95
34) Hexachlorobutadiene	11.143	225	58256	39.624	ng		99
35) Caprolactam	11.736	113	14962	44.238	ng	#	82
36) 4-Chloro-3-methylphenol	12.101	107	50265	41.133	ng		87
37) 2-Methylnaphthalene	12.465	142	111969	40.787	ng		96
38) 1-Methylnaphthalene	12.682	142	107738	40.276	ng		99
40) 1,2,4,5-Tetrachloroben...	12.835	216	98786	40.367	ng	#	97
41) Hexachlorocyclopentadiene	12.812	237	27283	39.179	ng		98
43) 2,4,6-Trichlorophenol	13.076	196	57398	43.077	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	64600	42.908	ng	#	92
46) 1,1'-Biphenyl	13.470	154	157822	41.300	ng		95
47) 2-Chloronaphthalene	13.511	162	132634	41.474	ng		96
48) 2-Nitroaniline	13.716	65	36520	43.757	ng		89
49) Acenaphthylene	14.357	152	199004	41.878	ng		100
50) Dimethylphthalate	14.087	163	179975	41.250	ng		99
51) 2,6-Dinitrotoluene	14.210	165	40337	42.151	ng	#	75
52) Acenaphthene	14.698	154	118819	41.292	ng		100
53) 3-Nitroaniline	14.539	138	34926	43.638	ng		88
54) 2,4-Dinitrophenol	14.756	184	20556	40.554	ng	#	80
55) Dibenzofuran	15.032	168	210539	41.121	ng		94
56) 4-Nitrophenol	14.874	139	22629	42.378	ng		95
57) 2,4-Dinitrotoluene	14.997	165	57870	42.183	ng	#	84
58) Fluorene	15.679	166	173495	41.214	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.267	232	62737	42.802	ng	#	87
60) Diethylphthalate	15.444	149	175300	41.883	ng		96
61) 4-Chlorophenyl-phenyle...	15.667	204	111943	40.512	ng	#	89
62) 4-Nitroaniline	15.702	138	37179	44.216	ng		89
63) Azobenzene	15.961	77	128180	42.385	ng		85
65) 4,6-Dinitro-2-methylph...	15.767	198	38958	41.809	ng		81
66) n-Nitrosodiphenylamine	15.884	169	155098	41.188	ng		96
67) 4-Bromophenyl-phenylether	16.566	248	86367	40.773	ng	#	90
68) Hexachlorobenzene	16.695	284	96595	39.876	ng	#	90
69) Atrazine	16.830	200	68097	40.638	ng		91
70) Pentachlorophenol	17.042	266	39486	39.586	ng		94
71) Phenanthrene	17.424	178	307636	40.958	ng		98
72) Anthracene	17.512	178	301762	40.941	ng		100
73) Carbazole	17.782	167	254142	41.881	ng		97
74) Di-n-butylphthalate	18.334	149	297621	41.561	ng	#	98
75) Fluoranthene	19.433	202	405500	39.605	ng		96
77) Benzidine	19.604	184	131117	43.920	ng		97
78) Pyrene	19.797	202	406722	43.001	ng		99
80) Butylbenzylphthalate	20.673	149	127284	43.184	ng	#	86
81) Benzo(a)anthracene	21.631	228	432447	41.328	ng		99
82) 3,3'-Dichlorobenzidine	21.537	252	133886	41.141	ng	#	92
83) Chrysene	21.695	228	409458	41.418	ng		98
84) Bis(2-ethylhexyl)phtha...	21.525	149	177251	42.499	ng	#	91
85) Di-n-octyl phthalate	22.723	149	298603	41.966	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.534	276	549095	40.934	ng	#	98
88) Benzo(b)fluoranthene	23.834	252	430545	41.288	ng	#	98
89) Benzo(k)fluoranthene	23.904	252	428605	41.300	ng	#	98
90) Benzo(a)pyrene	24.703	252	366498	41.154	ng	#	99
91) Dibenzo(a,h)anthracene	28.587	278	453713	41.134	ng	#	96
92) Benzo(g,h,i)perylene	29.686	276	447504	41.106	ng	#	94

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

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