Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049945.D
Acq On : 23 Aug 2021 22:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/24/2021 11:19:26 AM

Quant Time: Aug 24 02:29:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	36294	20.000	ng		0.00
21) Naphthalene-d8	10.801	136	152167	20.000	ng		#-0.01
39) Acenaphthene-d10	14.643	164	101965	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	204796	20.000	ng		# 0.00
76) Chrysene-d12	21.674	240	169330	20.000	ng		0.00
86) Perylene-d12	24.905	264	173495	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	152723	75.432	ng		0.00
7) Phenol-d6	7.159	99	228602	74.590	ng		0.00
23) Nitrobenzene-d5	9.156	82	229003	66.596	ng		0.00
42) 2,4,6-Tribromophenol	16.141	330	109686	73.185	ng		0.00
45) 2-Fluorobiphenyl	13.256	172	501779	71.606	ng		0.00
79) Terphenyl-d14	20.006	244	687206	73.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	30809	34.822	ng		92
3) Pyridine	3.793	79	75703	31.215	ng		90
4) n-Nitrosodimethylamine	3.704	42	40983	31.427	ng	#	75
6) Aniline	7.305	93	117351	36.128	ng		98
8) 2-Chlorophenol	7.546	128	87475	39.628	ng		98
9) Benzaldehyde	7.117	77	66648	32.591	ng		87
10) Phenol	7.182	94	109298	36.805	ng		92
11) bis(2-Chloroethyl)ether	7.399	93	73000	36.408	ng		90
12) 1,3-Dichlorobenzene	7.869	146	93762	37.088	ng		97
13) 1,4-Dichlorobenzene	8.016	146	94491	36.924	ng		94
14) 1,2-Dichlorobenzene	8.339	146	93183	38.437	ng		98
15) Benzyl Alcohol	8.228	79	98741m	38.363	ng		
16) 2,2'-oxybis(1-Chloropr...	8.510	45	80147	35.179	ng		98
17) 2-Methylphenol	8.439	107	76330	39.033	ng		93
18) Hexachloroethane	9.062	117	35877	36.470	ng		99
19) n-Nitroso-di-n-propyla...	8.792	70	69746	34.007	ng		92
20) 3+4-Methylphenols	8.774	107	106596	38.813	ng		94
22) Acetophenone	8.809	105	136462	33.009	ng	#	95
24) Nitrobenzene	9.197	77	118950	32.782	ng		95
25) Isophorone	9.720	82	198058	32.277	ng		96
26) 2-Nitrophenol	9.914	139	50775	36.667	ng		99
27) 2,4-Dimethylphenol	9.978	122	71908	35.134	ng		97
28) bis(2-Chloroethoxy)met...	10.196	93	93829	34.955	ng	#	93
29) 2,4-Dichlorophenol	10.460	162	92135	36.684	ng		95
30) 1,2,4-Trichlorobenzene	10.666	180	101657	36.760	ng		97
31) Naphthalene	10.854	128	280113	35.149	ng		98
32) Benzoic acid	10.143	122	44237m	32.400	ng		
33) 4-Chloroaniline	10.959	127	115156	36.601	ng		94
34) Hexachlorobutadiene	11.130	225	72180	35.917	ng		96
35) Caprolactam	11.752	113	26155	33.704	ng	#	77
36) 4-Chloro-3-methylphenol	12.105	107	102314	35.267	ng		96
37) 2-Methylnaphthalene	12.463	142	211559	35.240	ng		95
38) 1-Methylnaphthalene	12.681	142	194732	34.514	ng		93
40) 1,2,4,5-Tetrachloroben...	12.833	216	115299	38.377	ng		96
41) Hexachlorocyclopentadiene	12.804	237	14210	11.938	ng		95
43) 2,4,6-Trichlorophenol	13.080	196	78697	38.854	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.162	196	82799	37.681	ng		90
46) 1,1'-Biphenyl	13.468	154	262254	36.112	ng		99
47) 2-Chloronaphthalene	13.515	162	215580	37.166	ng		97
48) 2-Nitroaniline	13.726	65	73198	34.367	ng		94
49) Acenaphthylene	14.366	152	325618	35.419	ng		95
50) Dimethylphthalate	14.090	163	264904	34.434	ng		99
51) 2,6-Dinitrotoluene	14.220	165	61031	36.031	ng		84
52) Acenaphthene	14.707	154	196193	35.426	ng		95
53) 3-Nitroaniline	14.554	138	60380	36.553	ng		98
54) 2,4-Dinitrophenol	14.772	184	10967	11.405	ng		94
55) Dibenzofuran	15.042	168	316100	35.184	ng		99
56) 4-Nitrophenol	14.883	139	53899	44.664	ng		95
57) 2,4-Dinitrotoluene	15.013	165	85882	36.100	ng		92
58) Fluorene	15.688	166	255483	34.987	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.277	232	72261	35.407	ng		98
60) Diethylphthalate	15.453	149	262016	33.864	ng		96
61) 4-Chlorophenyl-phenyle...	15.676	204	136596	35.047	ng		93
62) 4-Nitroaniline	15.718	138	60592	35.661	ng		91
63) Azobenzene	15.970	77	264457	32.293	ng		85
65) 4,6-Dinitro-2-methylph...	15.782	198	19038	14.462	ng		86
66) n-Nitrosodiphenylamine	15.894	169	218479	37.756	ng		96
67) 4-Bromophenyl-phenylether	16.575	248	92754	38.456	ng		92
68) Hexachlorobenzene	16.704	284	99634	37.181	ng		97
69) Atrazine	16.845	200	85437	36.910	ng		96
70) Pentachlorophenol	17.051	266	56200	39.112	ng		99
71) Phenanthrene	17.439	178	381072	35.368	ng		97
72) Anthracene	17.527	178	376207	35.552	ng		97
73) Carbazole	17.803	167	355035	35.426	ng		98
74) Di-n-butylphthalate	18.343	149	401671	34.381	ng		99
75) Fluoranthene	19.454	202	432233	32.600	ng		97
77) Benzidine	19.630	184	144264	33.251	ng		99
78) Pyrene	19.812	202	423426	36.679	ng		98
80) Butylbenzylphthalate	20.687	149	159253	36.223	ng		96
81) Benzo(a)anthracene	21.651	228	390947	35.452	ng		99
82) 3,3'-Dichlorobenzidine	21.563	252	113045	35.110	ng		98
83) Chrysene	21.721	228	372607	35.348	ng		96
84) Bis(2-ethylhexyl)phtha...	21.539	149	210836	33.878	ng		98
85) Di-n-octyl phthalate	22.749	149	358532	34.103	ng		99
87) Indeno(1,2,3-cd)pyrene	28.624	276	446957	35.722	ng	#	99
88) Benzo(b)fluoranthene	23.883	252	399914	35.146	ng		100
89) Benzo(k)fluoranthene	23.948	252	384030m	36.182	ng		
90) Benzo(a)pyrene	24.764	252	374372	36.355	ng		99
91) Dibenzo(a,h)anthracene	28.682	278	382942	36.320	ng	#	92
92) Benzo(g,h,i)perylene	29.793	276	341808	33.090	ng		100

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

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