Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049845.D
Acq On : 16 Aug 2021 11:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/18/2021 4:19:04 PM

Quant Time: Aug 17 09:21:47 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 16 18:23:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.036	152	28859	20.000	ng		0.00
21) Naphthalene-d8	10.856	136	120044	20.000	ng	#	0.00
39) Acenaphthene-d10	14.686	164	82883	20.000	ng		0.00
64) Phenanthrene-d10	17.441	188	179906	20.000	ng	#	0.00
76) Chrysene-d12	21.724	240	166962	20.000	ng		0.00
86) Perylene-d12	25.002	264	173700	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	122143	75.870	ng		0.00
7) Phenol-d6	7.196	99	180880	74.224	ng		0.00
23) Nitrobenzene-d5	9.205	82	189249	69.762	ng		0.00
42) 2,4,6-Tribromophenol	16.184	330	90246	74.077	ng		0.00
45) 2-Fluorobiphenyl	13.306	172	401735	70.528	ng		0.00
79) Terphenyl-d14	20.050	244	673476	73.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	29195	41.499	ng		93
3) Pyridine	3.854	79	68922	35.740	ng		91
4) n-Nitrosodimethylamine	3.772	42	36957	35.640	ng	#	81
6) Aniline	7.349	93	99044	38.348	ng		93
8) 2-Chlorophenol	7.596	128	66774	38.043	ng		100
9) Benzaldehyde	7.167	77	64427	39.622	ng		93
10) Phenol	7.220	94	89119	37.742	ng		97
11) bis(2-Chloroethyl)ether	7.443	93	59205	37.135	ng		90
12) 1,3-Dichlorobenzene	7.919	146	74576	37.098	ng		98
13) 1,4-Dichlorobenzene	8.072	146	75825	37.264	ng		98
14) 1,2-Dichlorobenzene	8.389	146	73702	38.234	ng		94
15) Benzyl Alcohol	8.271	79	74711	36.505	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.565	45	64361	35.528	ng		95
17) 2-Methylphenol	8.483	107	62523	40.210	ng		95
18) Hexachloroethane	9.117	117	30470	38.954	ng		96
19) n-Nitroso-di-n-propyla...	8.841	70	60869	37.325	ng		95
20) 3+4-Methylphenols	8.812	107	83678	38.318	ng		94
22) Acetophenone	8.859	105	115014	35.266	ng	#	92
24) Nitrobenzene	9.247	77	98206	34.307	ng		93
25) Isophorone	9.769	82	167425	34.586	ng		97
26) 2-Nitrophenol	9.963	139	39795	36.428	ng	#	87
27) 2,4-Dimethylphenol	10.022	122	61440	38.052	ng		97
28) bis(2-Chloroethoxy)met...	10.251	93	75183	35.504	ng		92
29) 2,4-Dichlorophenol	10.504	162	71823	36.249	ng		93
30) 1,2,4-Trichlorobenzene	10.715	180	80239	36.779	ng		94
31) Naphthalene	10.909	128	226131	35.968	ng		98
32) Benzoic acid	10.175	122	34663	32.215	ng	#	59
33) 4-Chloroaniline	11.015	127	90977	36.654	ng		93
34) Hexachlorobutadiene	11.185	225	56796	35.825	ng		96
35) Caprolactam	11.796	113	23169	37.846	ng		92
36) 4-Chloro-3-methylphenol	12.143	107	82844	36.197	ng		94
37) 2-Methylnaphthalene	12.513	142	169770	35.847	ng		93
38) 1-Methylnaphthalene	12.730	142	160798	36.126	ng		96
40) 1,2,4,5-Tetrachloroben...	12.883	216	89672	36.719	ng		96
41) Hexachlorocyclopentadiene	12.853	237	46068	37.033	ng		90
43) 2,4,6-Trichlorophenol	13.124	196	61349	37.262	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	64179	35.932	ng	#	87
46) 1,1'-Biphenyl	13.517	154	209205	35.439	ng		98
47) 2-Chloronaphthalene	13.564	162	171340	36.340	ng		99
48) 2-Nitroaniline	13.764	65	59504	34.370	ng		95
49) Acenaphthylene	14.410	152	266182	35.620	ng		96
50) Dimethylphthalate	14.140	163	222878	35.641	ng		99
51) 2,6-Dinitrotoluene	14.263	165	49560	35.996	ng		89
52) Acenaphthene	14.751	154	157536	34.995	ng		93
53) 3-Nitroaniline	14.598	138	49659	36.984	ng		98
54) 2,4-Dinitrophenol	14.810	184	28681	36.693	ng		100
55) Dibenzofuran	15.086	168	260306	35.644	ng		94
56) 4-Nitrophenol	14.915	139	33564	34.217	ng		92
57) 2,4-Dinitrotoluene	15.056	165	71397	36.920	ng		93
58) Fluorene	15.738	166	212317	35.769	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.321	232	57394	34.597	ng		96
60) Diethylphthalate	15.497	149	224317	35.666	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	112942	35.650	ng		95
62) 4-Nitroaniline	15.761	138	51363	37.189	ng		92
63) Azobenzene	16.020	77	224421	33.713	ng		87
65) 4,6-Dinitro-2-methylph...	15.826	198	43591	37.695	ng		93
66) n-Nitrosodiphenylamine	15.943	169	182157	35.834	ng		98
67) 4-Bromophenyl-phenylether	16.619	248	72899	34.406	ng		96
68) Hexachlorobenzene	16.748	284	85217	36.201	ng		96
69) Atrazine	16.889	200	74528	36.652	ng		98
70) Pentachlorophenol	17.095	266	46311	36.689	ng		99
71) Phenanthrene	17.482	178	343441	36.285	ng		97
72) Anthracene	17.576	178	336955	36.249	ng		100
73) Carbazole	17.847	167	319562	36.297	ng		99
74) Di-n-butylphthalate	18.393	149	367056	35.765	ng		98
75) Fluoranthene	19.497	202	426124	36.586	ng		97
77) Benzidine	19.668	184	166151	38.839	ng		97
78) Pyrene	19.856	202	421535	37.033	ng		98
80) Butylbenzylphthalate	20.731	149	158198	36.493	ng		99
81) Benzo(a)anthracene	21.706	228	391665	36.021	ng		97
82) 3,3'-Dichlorobenzidine	21.612	252	112236	35.353	ng		99
83) Chrysene	21.771	228	370382	35.635	ng		100
84) Bis(2-ethylhexyl)phtha...	21.595	149	216999	35.363	ng		96
85) Di-n-octyl phthalate	22.822	149	371134	35.802	ng		97
87) Indeno(1,2,3-cd)pyrene	28.767	276	448315	35.788	ng		98
88) Benzo(b)fluoranthene	23.962	252	409054m	35.907	ng		
89) Benzo(k)fluoranthene	24.026	252	390600	36.758	ng		99
90) Benzo(a)pyrene	24.855	252	369169	35.808	ng		99
91) Dibenzo(a,h)anthracene	28.826	278	379074	35.911	ng		100
92) Benzo(g,h,i)perylene	29.942	276	370343	35.810	ng		99

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

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