Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049967.D
Acq On : 25 Aug 2021 13:53
Operator : CG/JU
Sample : PB138714BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138714BS

Manual Integrations APPROVED
mohammad
8/26/2021 11:38:36 AM

Quant Time: Aug 25 16:57:41 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	7.973	152	27979	20.000	ng		-0.01
21) Naphthalene-d8	10.799	136	119838	20.000	ng		#-0.01
39) Acenaphthene-d10	14.641	164	83942	20.000	ng		0.00
64) Phenanthrene-d10	17.396	188	189692	20.000	ng		# 0.00
76) Chrysene-d12	21.672	240	165198	20.000	ng		0.00
86) Perylene-d12	24.903	264	161272	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	220071	140.999	ng		0.00
7) Phenol-d6	7.151	99	298639	126.400	ng		0.00
23) Nitrobenzene-d5	9.154	82	209424	77.331	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	164113	133.010	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	465585	80.706	ng		0.00
79) Terphenyl-d14	20.004	244	822073	90.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	19360	28.385	ng		90
3) Pyridine	3.779	79	49359	26.401	ng		88
4) n-Nitrosodimethylamine	3.697	42	38756	38.551	ng	#	68
6) Aniline	7.298	93	95298	38.058	ng		98
8) 2-Chlorophenol	7.544	128	82915	48.725	ng		91
9) Benzaldehyde	7.110	77	54730	34.717	ng		92
10) Phenol	7.180	94	108077	47.210	ng		92
11) bis(2-Chloroethyl)ether	7.392	93	70204	45.419	ng		89
12) 1,3-Dichlorobenzene	7.867	146	85528	43.885	ng		95
13) 1,4-Dichlorobenzene	8.014	146	87763	44.487	ng		96
14) 1,2-Dichlorobenzene	8.331	146	84791	45.370	ng		93
15) Benzyl Alcohol	8.220	79	93936	47.342	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.502	45	74416	42.370	ng		91
17) 2-Methylphenol	8.437	107	77341	51.304	ng		93
18) Hexachloroethane	9.060	117	34598	45.622	ng		96
19) n-Nitroso-di-n-propyla...	8.790	70	67895	42.943	ng		89
20) 3+4-Methylphenols	8.766	107	103974	49.109	ng		96
22) Acetophenone	8.807	105	134487	41.307	ng	#	94
24) Nitrobenzene	9.195	77	109006	38.146	ng		94
25) Isophorone	9.718	82	183218	37.914	ng	#	94
26) 2-Nitrophenol	9.912	139	47369	43.435	ng		97
27) 2,4-Dimethylphenol	9.976	122	78344	48.605	ng		97
28) bis(2-Chloroethoxy)met...	10.200	93	96325	45.566	ng		94
29) 2,4-Dichlorophenol	10.458	162	86100	43.529	ng		93
30) 1,2,4-Trichlorobenzene	10.664	180	87874	40.348	ng		96
31) Naphthalene	10.852	128	252419	40.219	ng		98
32) Benzoic acid	10.135	122	33548	31.383	ng	#	76
33) 4-Chloroaniline	10.963	127	55004	22.199	ng	#	92
34) Hexachlorobutadiene	11.128	225	63612	40.193	ng		95
35) Caprolactam	11.744	113	28765m	47.067	ng		
36) 4-Chloro-3-methylphenol	12.103	107	102970	45.068	ng		94
37) 2-Methylnaphthalene	12.461	142	195471	41.344	ng		95
38) 1-Methylnaphthalene	12.684	142	182802	41.140	ng		97
40) 1,2,4,5-Tetrachloroben...	12.831	216	104457	42.233	ng		98
41) Hexachlorocyclopentadiene	12.802	237	88378	66.984	ng		93
43) 2,4,6-Trichlorophenol	13.078	196	72617	43.550	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	79468	43.930	ng		87
46) 1,1'-Biphenyl	13.466	154	244281	40.859	ng		98
47) 2-Chloronaphthalene	13.513	162	199514	41.781	ng		98
48) 2-Nitroaniline	13.724	65	72826	41.534	ng		92
49) Acenaphthylene	14.364	152	322012	42.547	ng		94
50) Dimethylphthalate	14.088	163	275964	43.574	ng		98
51) 2,6-Dinitrotoluene	14.218	165	59003	42.313	ng		93
52) Acenaphthene	14.705	154	187977	41.230	ng		92
53) 3-Nitroaniline	14.547	138	41149	30.260	ng	#	98
54) 2,4-Dinitrophenol	14.770	184	68240	86.201	ng		94
55) Dibenzofuran	15.040	168	301803	40.805	ng		95
56) 4-Nitrophenol	14.881	139	81454	81.990	ng		96
57) 2,4-Dinitrotoluene	15.011	165	88185	45.026	ng		96
58) Fluorene	15.692	166	256428	42.656	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.275	232	69619	41.437	ng	#	96
60) Diethylphthalate	15.451	149	283144	44.452	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	136244	42.462	ng		93
62) 4-Nitroaniline	15.721	138	61539	43.994	ng		88
63) Azobenzene	15.974	77	263034	39.015	ng		86
65) 4,6-Dinitro-2-methylph...	15.786	198	48095	39.445	ng		90
66) n-Nitrosodiphenylamine	15.898	169	225972	42.160	ng		97
67) 4-Bromophenyl-phenylether	16.573	248	95241	42.631	ng		95
68) Hexachlorobenzene	16.702	284	105495	42.503	ng		98
69) Atrazine	16.843	200	107073	49.940	ng		94
70) Pentachlorophenol	17.055	266	84374	63.395	ng		95
71) Phenanthrene	17.437	178	425387	42.624	ng		96
72) Anthracene	17.531	178	431236	43.998	ng		98
73) Carbazole	17.801	167	400853	43.182	ng		98
74) Di-n-butylphthalate	18.341	149	491206	45.393	ng		99
75) Fluoranthene	19.452	202	524283	42.691	ng		99
77) Benzidine	19.628	184	229393	54.195	ng		98
78) Pyrene	19.816	202	522856	46.425	ng		97
80) Butylbenzylphthalate	20.685	149	196392	45.787	ng		97
81) Benzo(a)anthracene	21.655	228	455818	42.369	ng		98
82) 3,3'-Dichlorobenzidine	21.561	252	108775	34.628	ng		99
83) Chrysene	21.719	228	431694	41.977	ng		97
84) Bis(2-ethylhexyl)phtha...	21.537	149	259938	42.813	ng		93
85) Di-n-octyl phthalate	22.747	149	421729	41.117	ng		97
87) Indeno(1,2,3-cd)pyrene	28.628	276	513166	44.122	ng		98
88) Benzo(b)fluoranthene	23.881	252	444601m	42.034	ng		
89) Benzo(k)fluoranthene	23.951	252	446651	45.272	ng		100
90) Benzo(a)pyrene	24.756	252	435905	45.539	ng	#	96
91) Dibenzo(a,h)anthracene	28.680	278	435728	44.459	ng	#	96
92) Benzo(g,h,i)perylene	29.791	276	427588	44.532	ng		99

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

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