Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049621.D
Acq On : 3 Aug 2021 12:34
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/4/2021 3:44:23 PM

Quant Time: Aug 03 13:59:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 11:43:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.043	152	29001	20.000	ng		# 0.00
21) Naphthalene-d8	10.862	136	108586	20.000	ng		# 0.00
39) Acenaphthene-d10	14.698	164	74906	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	161242	20.000	ng		# 0.00
76) Chrysene-d12	21.730	240	151895	20.000	ng		0.00
86) Perylene-d12	25.008	264	161809	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	155958	91.238	ng		0.00
7) Phenol-d6	7.203	99	233420	93.764	ng		0.00
23) Nitrobenzene-d5	9.212	82	240497	99.233	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	112939	112.587	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	510016	97.973	ng		0.00
79) Terphenyl-d14	20.056	244	814448	104.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	33121	42.770	ng		99
3) Pyridine	3.872	79	95498m	48.394	ng		
4) n-Nitrosodimethylamine	3.784	42	51173	52.805	ng	#	72
6) Aniline	7.361	93	125789	46.721	ng		96
8) 2-Chlorophenol	7.602	128	82492	47.062	ng		98
9) Benzaldehyde	7.173	77	68378	41.347	ng		91
10) Phenol	7.226	94	112706	47.528	ng		92
11) bis(2-Chloroethyl)ether	7.455	93	75914	46.732	ng		85
12) 1,3-Dichlorobenzene	7.931	146	95551	46.102	ng		97
13) 1,4-Dichlorobenzene	8.078	146	93567	45.337	ng		97
14) 1,2-Dichlorobenzene	8.401	146	90306	45.295	ng		98
15) Benzyl Alcohol	8.283	79	100451	49.364	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.571	45	84455	44.508	ng		92
17) 2-Methylphenol	8.483	107	75345	47.721	ng		96
18) Hexachloroethane	9.135	117	37509	46.764	ng		92
19) n-Nitroso-di-n-propyla...	8.853	70	77681	47.492	ng	#	91
20) 3+4-Methylphenols	8.818	107	105876	48.935	ng		95
22) Acetophenone	8.871	105	144866	49.820	ng	#	97
24) Nitrobenzene	9.259	77	128297	50.403	ng		96
25) Isophorone	9.781	82	218305	50.839	ng		97
26) 2-Nitrophenol	9.975	139	48973	53.004	ng		98
27) 2,4-Dimethylphenol	10.028	122	72810	49.292	ng		94
28) bis(2-Chloroethoxy)met...	10.263	93	93964	49.045	ng	#	90
29) 2,4-Dichlorophenol	10.510	162	90770	52.993	ng		97
30) 1,2,4-Trichlorobenzene	10.721	180	98019	50.669	ng		92
31) Naphthalene	10.915	128	275540	48.115	ng		96
32) Benzoic acid	10.181	122	47742	49.191	ng	#	85
33) 4-Chloroaniline	11.021	127	111223	50.894	ng		99
34) Hexachlorobutadiene	11.203	225	69811	50.361	ng		96
35) Caprolactam	11.808	113	26807	50.399	ng	#	81
36) 4-Chloro-3-methylphenol	12.143	107	106022	52.481	ng	#	94
37) 2-Methylnaphthalene	12.525	142	211606	50.627	ng		96
38) 1-Methylnaphthalene	12.742	142	197382	49.391	ng		92
40) 1,2,4,5-Tetrachloroben...	12.889	216	108852	49.141	ng		97
41) Hexachlorocyclopentadiene	12.865	237	57489	58.143	ng		92
43) 2,4,6-Trichlorophenol	13.130	196	73720	51.028	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	78972	50.531	ng		88
46) 1,1'-Biphenyl	13.529	154	258263	47.030	ng		96
47) 2-Chloronaphthalene	13.576	162	206393	48.932	ng		97
48) 2-Nitroaniline	13.776	65	79488	54.153	ng		98
49) Acenaphthylene	14.422	152	333940	48.831	ng		95
50) Dimethylphthalate	14.146	163	278615	51.200	ng		99
51) 2,6-Dinitrotoluene	14.269	165	61338	51.915	ng		99
52) Acenaphthene	14.763	154	201650	48.853	ng		96
53) 3-Nitroaniline	14.598	138	58888	49.707	ng		92
54) 2,4-Dinitrophenol	14.810	184	35339	71.065	ng		96
55) Dibenzofuran	15.098	168	324632	49.013	ng		96
56) 4-Nitrophenol	14.910	139	46012	49.237	ng		92
57) 2,4-Dinitrotoluene	15.057	165	88304	54.078	ng	#	93
58) Fluorene	15.744	166	258481	48.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.321	232	76000m	53.195	ng		
60) Diethylphthalate	15.509	149	276238	50.537	ng		99
61) 4-Chlorophenyl-phenyle...	15.732	204	138056	50.571	ng		92
62) 4-Nitroaniline	15.767	138	62881	50.429	ng		94
63) Azobenzene	16.026	77	289663	47.854	ng		89
65) 4,6-Dinitro-2-methylph...	15.826	198	54842	62.784	ng		88
66) n-Nitrosodiphenylamine	15.950	169	224438	48.459	ng		98
67) 4-Bromophenyl-phenylether	16.631	248	93077	50.964	ng		98
68) Hexachlorobenzene	16.754	284	104436	50.499	ng		97
69) Atrazine	16.895	200	86551	47.161	ng		98
70) Pentachlorophenol	17.095	266	61961	66.663	ng		97
71) Phenanthrene	17.489	178	421898	48.675	ng		98
72) Anthracene	17.583	178	408627	47.965	ng		98
73) Carbazole	17.847	167	387422	47.811	ng		99
74) Di-n-butylphthalate	18.399	149	452749	48.997	ng		99
75) Fluoranthene	19.498	202	508658	47.132	ng		99
77) Benzidine	19.680	184	177564	42.237	ng		99
78) Pyrene	19.862	202	502734	50.426	ng		97
80) Butylbenzylphthalate	20.737	149	197715	54.544	ng		98
81) Benzo(a)anthracene	21.712	228	483371	50.239	ng		99
82) 3,3'-Dichlorobenzidine	21.624	252	142714	51.416	ng		99
83) Chrysene	21.777	228	461020	49.686	ng		97
84) Bis(2-ethylhexyl)phtha...	21.607	149	280550	51.609	ng		96
85) Di-n-octyl phthalate	22.834	149	478679	50.980	ng		99
87) Indeno(1,2,3-cd)pyrene	28.762	276	579124	50.559	ng	#	76
88) Benzo(b)fluoranthene	23.968	252	533438	51.162	ng	#	97
89) Benzo(k)fluoranthene	24.039	252	481911	49.691	ng		98
90) Benzo(a)pyrene	24.855	252	472916	50.043	ng	#	95
91) Dibenzo(a,h)anthracene	28.832	278	495676	51.529	ng	#	99
92) Benzo(g,h,i)perylene	29.942	276	481857	50.623	ng		97

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

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