Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049917.D
Acq On : 20 Aug 2021 20:07
Operator : CG/JU
Sample : M3463-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SWCS-20-0003MS

Manual Integrations APPROVED
mohammad
8/23/2021 4:28:09 PM

Quant Time: Aug 21 05:19:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.979	152	27070	20.000	ng		0.00
21) Naphthalene-d8	10.799	136	114742	20.000	ng	#	0.00
39) Acenaphthene-d10	14.635	164	80591	20.000	ng		0.00
64) Phenanthrene-d10	17.390	188	172986	20.000	ng	#	0.00
76) Chrysene-d12	21.661	240	157538	20.000	ng		0.00
86) Perylene-d12	24.891	264	164764	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	171551	113.603	ng		0.00
7) Phenol-d6	7.151	99	234044	102.387	ng		0.00
23) Nitrobenzene-d5	9.148	82	164804	63.558	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	104557	88.265	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	232906	42.051	ng		0.00
79) Terphenyl-d14	19.998	244	258950	29.853	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.374	88	23619	35.792	ng		91
3) Pyridine	3.785	79	58793	32.503	ng	#	83
4) n-Nitrosodimethylamine	3.702	42	39497	40.607	ng	#	71
6) Aniline	7.298	93	91007	37.565	ng		98
8) 2-Chlorophenol	7.544	128	82729	50.248	ng		96
9) Benzaldehyde	7.110	77	60042	39.365	ng		89
10) Phenol	7.174	94	111497	50.340	ng		90
11) bis(2-Chloroethyl)ether	7.392	93	69615	46.550	ng		86
12) 1,3-Dichlorobenzene	7.867	146	84449	44.786	ng		98
13) 1,4-Dichlorobenzene	8.014	146	87025	45.595	ng		97
14) 1,2-Dichlorobenzene	8.332	146	85139	47.086	ng		97
15) Benzyl Alcohol	8.226	79	92707	48.292	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.514	45	74343	43.750	ng		95
17) 2-Methylphenol	8.431	107	76084	52.165	ng		93
18) Hexachloroethane	9.066	117	34833	47.474	ng		92
19) n-Nitroso-di-n-propyla...	8.790	70	67208	43.936	ng	#	86
20) 3+4-Methylphenols	8.766	107	105591	51.548	ng		96
22) Acetophenone	8.807	105	133374	42.785	ng	#	93
24) Nitrobenzene	9.195	77	106771	39.023	ng		95
25) Isophorone	9.718	82	178574	38.594	ng		99
26) 2-Nitrophenol	9.906	139	47623	45.608	ng		98
27) 2,4-Dimethylphenol	9.970	122	80591	52.220	ng		99
28) bis(2-Chloroethoxy)met...	10.200	93	96656	47.754	ng	#	91
29) 2,4-Dichlorophenol	10.452	162	88336	46.643	ng		95
30) 1,2,4-Trichlorobenzene	10.658	180	90238	43.274	ng		96
31) Naphthalene	10.852	128	253058	42.111	ng		98
32) Benzoic acid	10.141	122	46993	43.623	ng	#	70
33) 4-Chloroaniline	10.957	127	73796	31.106	ng		96
34) Hexachlorobutadiene	11.128	225	64286	42.423	ng		97
35) Caprolactam	11.750	113	28870m	49.337	ng		
36) 4-Chloro-3-methylphenol	12.097	107	104342	47.697	ng	#	92
37) 2-Methylnaphthalene	12.461	142	196001	43.297	ng		98
38) 1-Methylnaphthalene	12.679	142	178466	41.948	ng		98
40) 1,2,4,5-Tetrachloroben...	12.831	216	106163	44.708	ng		99
41) Hexachlorocyclopentadiene	12.802	237	106217	82.960	ng		88
43) 2,4,6-Trichlorophenol	13.072	196	76094	47.533	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.149	196	82092	47.268	ng		88
46) 1,1'-Biphenyl	13.466	154	244278	42.558	ng		98
47) 2-Chloronaphthalene	13.513	162	199900	43.603	ng		99
48) 2-Nitroaniline	13.718	65	70582	41.928	ng	#	82
49) Acenaphthylene	14.359	152	315747	43.454	ng		96
50) Dimethylphthalate	14.088	163	262786	43.218	ng		97
51) 2,6-Dinitrotoluene	14.212	165	56995	42.573	ng		86
52) Acenaphthene	14.699	154	182124	41.608	ng		91
53) 3-Nitroaniline	14.547	138	43843	33.581	ng		92
54) 2,4-Dinitrophenol	14.764	184	74763	98.368	ng		96
55) Dibenzofuran	15.034	168	295574	41.625	ng		95
56) 4-Nitrophenol	14.870	139	87645	91.890	ng	#	89
57) 2,4-Dinitrotoluene	15.005	165	81068	43.114	ng		93
58) Fluorene	15.686	166	248688	43.088	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.269	232	74542	46.212	ng		99
60) Diethylphthalate	15.451	149	265725	43.452	ng		97
61) 4-Chlorophenyl-phenyle...	15.675	204	131184	42.585	ng		98
62) 4-Nitroaniline	15.716	138	58445	43.520	ng		87
63) Azobenzene	15.968	77	256683	39.656	ng		87
65) 4,6-Dinitro-2-methylph...	15.774	198	47480	42.701	ng		89
66) n-Nitrosodiphenylamine	15.892	169	216420	44.277	ng		96
67) 4-Bromophenyl-phenylether	16.573	248	89874	44.114	ng		97
68) Hexachlorobenzene	16.697	284	97800	43.208	ng		98
69) Atrazine	16.844	200	92733	47.429	ng		99
70) Pentachlorophenol	17.049	266	106171	87.477	ng		98
71) Phenanthrene	17.431	178	389609	42.809	ng		96
72) Anthracene	17.525	178	397662	44.491	ng		98
73) Carbazole	17.795	167	355466	41.991	ng		98
74) Di-n-butylphthalate	18.342	149	430575	43.632	ng		99
75) Fluoranthene	19.446	202	466510	41.655	ng		98
77) Benzidine	19.622	184	153674	38.071	ng		98
78) Pyrene	19.804	202	464743	43.272	ng		97
80) Butylbenzylphthalate	20.685	149	188364	46.051	ng		95
81) Benzo(a)anthracene	21.643	228	441068	42.991	ng		98
82) 3,3'-Dichlorobenzidine	21.555	252	102098	34.083	ng		98
83) Chrysene	21.713	228	423506	43.184	ng		98
84) Bis(2-ethylhexyl)phtha...	21.537	149	261075	45.091	ng		93
85) Di-n-octyl phthalate	22.741	149	430023	43.964	ng		98
87) Indeno(1,2,3-cd)pyrene	28.604	276	529333	44.547	ng		98
88) Benzo(b)fluoranthene	23.863	252	458416	42.422	ng	#	98
89) Benzo(k)fluoranthene	23.934	252	439192	43.572	ng	#	98
90) Benzo(a)pyrene	24.745	252	437673	44.755	ng	#	96
91) Dibenzo(a,h)anthracene	28.645	278	450468	44.988	ng	#	98
92) Benzo(g,h,i)perylene	29.755	276	434434	44.286	ng		98

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

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