Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049972.D
Acq On : 25 Aug 2021 17:36
Operator : CG/JU
Sample : M3533-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

Manual Integrations APPROVED
mohammad
8/26/2021 11:38:45 AM

Quant Time: Aug 26 01:02:35 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	35729	20.000	ng		# 0.00
21) Naphthalene-d8	10.801	136	143540	20.000	ng		#-0.01
39) Acenaphthene-d10	14.637	164	90611	20.000	ng		-0.01
64) Phenanthrene-d10	17.392	188	173897	20.000	ng		#-0.01
76) Chrysene-d12	21.675	240	139252	20.000	ng		0.00
86) Perylene-d12	24.912	264	142635	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	152264	76.394	ng		0.00
7) Phenol-d6	7.159	99	210052	69.621	ng		0.00
23) Nitrobenzene-d5	9.150	82	146596	45.193	ng		-0.01
42) 2,4,6-Tribromophenol	16.135	330	91594	68.771	ng		-0.01
45) 2-Fluorobiphenyl	13.257	172	305675	49.087	ng		0.00
79) Terphenyl-d14	20.000	244	375464	48.970	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	26591	30.530	ng		93
3) Pyridine	3.781	79	66000	27.644	ng		92
4) n-Nitrosodimethylamine	3.699	42	49704	38.717	ng	#	79
6) Aniline	7.300	93	109467	34.234	ng	#	92
8) 2-Chlorophenol	7.547	128	106064	48.809	ng		99
9) Benzaldehyde	7.112	77	76772	38.135	ng	#	83
10) Phenol	7.183	94	135399	46.316	ng		91
11) bis(2-Chloroethyl)ether	7.394	93	91723	46.469	ng		90
12) 1,3-Dichlorobenzene	7.870	146	115639	46.464	ng		93
13) 1,4-Dichlorobenzene	8.017	146	116544	46.262	ng		96
14) 1,2-Dichlorobenzene	8.334	146	111238	46.610	ng		93
15) Benzyl Alcohol	8.222	79	115588	45.619	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.510	45	99207	44.233	ng		98
17) 2-Methylphenol	8.440	107	95397	49.555	ng		95
18) Hexachloroethane	9.062	117	46005	47.505	ng		95
19) n-Nitroso-di-n-propyla...	8.792	70	83734	41.473	ng	#	86
20) 3+4-Methylphenols	8.769	107	127926	47.316	ng		97
22) Acetophenone	8.810	105	171482	43.973	ng		93
24) Nitrobenzene	9.197	77	138525	40.471	ng		96
25) Isophorone	9.720	82	223507	38.614	ng		97
26) 2-Nitrophenol	9.908	139	60853	46.586	ng		95
27) 2,4-Dimethylphenol	9.979	122	97963	50.741	ng		98
28) bis(2-Chloroethoxy)met...	10.196	93	122998	48.576	ng	#	91
29) 2,4-Dichlorophenol	10.460	162	109250	46.112	ng		96
30) 1,2,4-Trichlorobenzene	10.666	180	120511	46.197	ng		98
31) Naphthalene	10.848	128	323871	43.083	ng		96
32) Benzoic acid	10.161	122	49343	37.410	ng		81
33) 4-Chloroaniline	10.960	127	69544	23.433	ng	#	95
34) Hexachlorobutadiene	11.130	225	84419	44.532	ng		95
35) Caprolactam	11.765	113	31283m	42.735	ng		
36) 4-Chloro-3-methylphenol	12.111	107	121568	44.422	ng	#	87
37) 2-Methylnaphthalene	12.464	142	246297	43.492	ng		97
38) 1-Methylnaphthalene	12.681	142	223553	42.003	ng		92
40) 1,2,4,5-Tetrachloroben...	12.834	216	135207	50.642	ng		98
41) Hexachlorocyclopentadiene	12.804	237	65637	47.191	ng		90
43) 2,4,6-Trichlorophenol	13.080	196	88033	48.910	ng		94

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44) 2,4,5-Trichlorophenol	13.163	196	93082	47.669	ng		91
46) 1,1'-Biphenyl	13.468	154	293154	45.425	ng		95
47) 2-Chloronaphthalene	13.515	162	246199	47.763	ng		96
48) 2-Nitroaniline	13.721	65	82553	43.616	ng		93
49) Acenaphthylene	14.361	152	369050	45.173	ng		99
50) Dimethylphthalate	14.091	163	302654	44.271	ng		97
51) 2,6-Dinitrotoluene	14.220	165	63387	42.112	ng		90
52) Acenaphthene	14.708	154	214244	43.533	ng		92
53) 3-Nitroaniline	14.549	138	51859	35.329	ng		99
54) 2,4-Dinitrophenol	14.772	184	25942	30.358	ng		94
55) Dibenzofuran	15.043	168	340310	42.625	ng		94
56) 4-Nitrophenol	14.890	139	85819	80.026	ng		97
57) 2,4-Dinitrotoluene	15.013	165	89779	42.467	ng		92
58) Fluorene	15.689	166	276612	42.627	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.277	232	74890	41.294	ng		99
60) Diethylphthalate	15.454	149	295178	42.930	ng		96
61) 4-Chlorophenyl-phenyle...	15.677	204	147733	42.654	ng		96
62) 4-Nitroaniline	15.718	138	57375	37.998	ng		91
63) Azobenzene	15.971	77	282258	38.785	ng		88
65) 4,6-Dinitro-2-methylph...	15.789	198	19730	17.651	ng		94
66) n-Nitrosodiphenylamine	15.894	169	236926	48.219	ng		97
67) 4-Bromophenyl-phenylether	16.576	248	96471	47.104	ng		92
68) Hexachlorobenzene	16.705	284	108069	47.495	ng		96
69) Atrazine	16.846	200	95547	48.612	ng		100
70) Pentachlorophenol	17.052	266	92405	75.736	ng		93
71) Phenanthrene	17.439	178	429232	46.916	ng		97
72) Anthracene	17.527	178	417354	46.449	ng		98
73) Carbazole	17.803	167	356433	41.884	ng		97
74) Di-n-butylphthalate	18.344	149	427592	43.103	ng		99
75) Fluoranthene	19.448	202	533685	47.404	ng		99
77) Benzidine	19.630	184	138345	38.775	ng		97
78) Pyrene	19.813	202	525965	55.403	ng		97
80) Butylbenzylphthalate	20.688	149	164962	45.626	ng		97
81) Benzo(a)anthracene	21.651	228	452353	49.881	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	116092	43.844	ng		98
83) Chrysene	21.722	228	431708	49.800	ng		98
84) Bis(2-ethylhexyl)phtha...	21.540	149	225746	44.109	ng		97
85) Di-n-octyl phthalate	22.750	149	383477	44.354	ng		99
87) Indeno(1,2,3-cd)pyrene	28.636	276	421835	41.008	ng	#	99
88) Benzo(b)fluoranthene	23.889	252	473208m	50.585	ng		
89) Benzo(k)fluoranthene	23.954	252	432239	49.536	ng		98
90) Benzo(a)pyrene	24.765	252	440041	51.978	ng		94
91) Dibenzo(a,h)anthracene	28.689	278	349871	40.363	ng	#	95
92) Benzo(g,h,i)perylene	29.793	276	326131	38.403	ng		94

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

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