Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049152.D
Acq On : 1 Jul 2021 13:56
Operator : CG/JU
Sample : M2895-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
mohammad
7/2/2021 12:01:27 PM

Quant Time: Jul 01 16:05:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	29929	20.000	ng		0.00
21) Naphthalene-d8	10.914	136	126723	20.000	ng	#	0.00
39) Acenaphthene-d10	14.739	164	92055	20.000	ng		0.00
64) Phenanthrene-d10	17.488	188	217544	20.000	ng	#	0.00
76) Chrysene-d12	21.777	240	218264	20.000	ng		0.00
86) Perylene-d12	25.085	264	232423	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	208196	108.955	ng		0.00
7) Phenol-d6	7.242	99	273454	100.376	ng		0.00
23) Nitrobenzene-d5	9.257	82	195050	65.258	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	164418	103.031	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	434796	63.723	ng		0.00
79) Terphenyl-d14	20.091	244	769011	59.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	32513	38.756	ng	#	84
3) Pyridine	3.922	79	79915	35.231	ng		92
4) n-Nitrosodimethylamine	3.834	42	62883	48.810	ng	#	75
6) Aniline	7.412	93	129298	38.983	ng		95
8) 2-Chlorophenol	7.653	128	104911	50.041	ng		89
9) Benzaldehyde	7.218	77	72985	50.934	ng	#	83
10) Phenol	7.271	94	140792	51.445	ng		93
11) bis(2-Chloroethyl)ether	7.500	93	99074	49.632	ng		89
12) 1,3-Dichlorobenzene	7.982	146	109048	46.505	ng		94
13) 1,4-Dichlorobenzene	8.129	146	112160	47.567	ng		98
14) 1,2-Dichlorobenzene	8.446	146	106776	47.036	ng		94
15) Benzyl Alcohol	8.328	79	118121	49.238	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.616	45	159396	47.037	ng		85
17) 2-Methylphenol	8.528	107	91422	49.574	ng		99
18) Hexachloroethane	9.186	117	45695	48.530	ng		95
19) n-Nitroso-di-n-propyla...	8.898	70	87804	44.847	ng	#	98
20) 3+4-Methylphenols	8.857	107	126171	49.352	ng		97
22) Acetophenone	8.916	105	176187	46.609	ng	#	98
24) Nitrobenzene	9.304	77	143121	44.192	ng		94
25) Isophorone	9.827	82	233975	40.753	ng	#	97
26) 2-Nitrophenol	10.015	139	60323	46.786	ng		94
27) 2,4-Dimethylphenol	10.073	122	100227	51.812	ng		93
28) bis(2-Chloroethoxy)met...	10.309	93	129520	47.840	ng		91
29) 2,4-Dichlorophenol	10.555	162	110162	47.486	ng		98
30) 1,2,4-Trichlorobenzene	10.773	180	122981	45.014	ng		95
31) Naphthalene	10.961	128	318215	43.129	ng		99
32) Benzoic acid	10.220	122	63099	41.383	ng		85
33) 4-Chloroaniline	11.066	127	69481	22.774	ng	#	97
34) Hexachlorobutadiene	11.249	225	86747	42.977	ng		94
35) Caprolactam	11.854	113	39126m	53.140	ng		
36) 4-Chloro-3-methylphenol	12.189	107	126544	47.406	ng		97
37) 2-Methylnaphthalene	12.565	142	245450	44.176	ng		96
38) 1-Methylnaphthalene	12.788	142	228481	43.422	ng		95
40) 1,2,4,5-Tetrachloroben...	12.935	216	143840	44.789	ng		100
41) Hexachlorocyclopentadiene	12.911	237	215099	113.072	ng		91
43) 2,4,6-Trichlorophenol	13.170	196	103196	46.534	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	115841	47.767	ng		91
46) 1,1'-Biphenyl	13.569	154	311610	45.313	ng		98
47) 2-Chloronaphthalene	13.616	162	249354	44.065	ng		99
48) 2-Nitroaniline	13.810	65	101183	49.037	ng		97
49) Acenaphthylene	14.462	152	410832	46.050	ng		97
50) Dimethylphthalate	14.186	163	408342	55.272	ng		99
51) 2,6-Dinitrotoluene	14.304	165	77121	45.536	ng		93
52) Acenaphthene	14.803	154	249165	44.812	ng		92
53) 3-Nitroaniline	14.639	138	47403	29.138	ng		99
54) 2,4-Dinitrophenol	14.844	184	102153	87.334	ng		93
55) Dibenzofuran	15.138	168	398771	44.055	ng		97
56) 4-Nitrophenol	14.950	139	132366	99.846	ng		89
57) 2,4-Dinitrotoluene	15.091	165	113922	47.354	ng		97
58) Fluorene	15.784	166	341989	45.682	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.361	232	110920m	49.134	ng		
60) Diethylphthalate	15.549	149	375937	48.023	ng		96
61) 4-Chlorophenyl-phenyle...	15.773	204	188450	45.479	ng		98
62) 4-Nitroaniline	15.802	138	77905	46.099	ng		84
63) Azobenzene	16.066	77	352936	44.720	ng		92
65) 4,6-Dinitro-2-methylph...	15.855	198	67575	43.485	ng		91
66) n-Nitrosodiphenylamine	15.990	169	300120	44.111	ng		98
67) 4-Bromophenyl-phenylether	16.672	248	132104	45.012	ng		90
68) Hexachlorobenzene	16.789	284	142602	43.951	ng		97
69) Atrazine	16.936	200	130641	57.819	ng		99
70) Pentachlorophenol	17.136	266	184957	97.933	ng		98
71) Phenanthrene	17.529	178	559567	44.669	ng		98
72) Anthracene	17.623	178	570241	45.663	ng		98
73) Carbazole	17.888	167	513834	43.157	ng		98
74) Di-n-butylphthalate	18.440	149	637161	46.544	ng		98
75) Fluoranthene	19.539	202	690281	44.015	ng		97
77) Benzidine	19.715	184	329482	70.278	ng		98
78) Pyrene	19.897	202	700353	43.201	ng		97
80) Butylbenzylphthalate	20.779	149	279794	45.556	ng		98
81) Benzo(a)anthracene	21.754	228	708688	43.532	ng		99
82) 3,3'-Dichlorobenzidine	21.666	252	166560	30.075	ng		94
83) Chrysene	21.824	228	678468	43.869	ng		97
84) Bis(2-ethylhexyl)phtha...	21.654	149	400458	46.162	ng		96
85) Di-n-octyl phthalate	22.900	149	687626	47.097	ng		97
87) Indeno(1,2,3-cd)pyrene	28.887	276	869773	46.898	ng		97
88) Benzo(b)fluoranthene	24.034	252	754658	44.994	ng	#	95
89) Benzo(k)fluoranthene	24.104	252	714890	44.678	ng	#	99
90) Benzo(a)pyrene	24.933	252	729536	47.151	ng		97
91) Dibenzo(a,h)anthracene	28.957	278	718990	45.931	ng	#	97
92) Benzo(g,h,i)perylene	30.079	276	721963	46.788	ng		97

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

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