Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049174.D
Acq On : 2 Jul 2021 19:32
Operator : CG/JU
Sample : M2904-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
mohammad
7/7/2021 11:34:41 AM

Quant Time: Jul 03 01:09:53 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	8.085	152	34959	20.00	ng		0.00
21) Naphthalene-d8	10.905	136	155161	20.00	ng		# 0.00
39) Acenaphthene-d10	14.730	164	114276	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	256381	20.00	ng		# 0.00
76) Chrysene-d12	21.769	240	245561	20.00	ng		0.00
86) Perylene-d12	25.071	264	256972	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	288468	129.24	ng		0.00
7) Phenol-d6	7.245	99	388023	121.94	ng		0.00
23) Nitrobenzene-d5	9.254	82	270146	73.82	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	231492	116.85	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	592334	69.93	ng		0.00
79) Terphenyl-d14	20.089	244	951926	65.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.508	88	36576	37.33	ng	#	78
3) Pyridine	3.913	79	91710	34.61	ng		94
4) n-Nitrosodimethylamine	3.825	42	78101	51.90	ng	#	77
6) Aniline	7.409	93	174132	44.95	ng		91
8) 2-Chlorophenol	7.650	128	128950	52.66	ng		91
9) Benzaldehyde	7.215	77	91289	54.54	ng		89
10) Phenol	7.268	94	172021	53.81	ng		91
11) bis(2-Chloroethyl)ether	7.498	93	116908	50.14	ng		86
12) 1,3-Dichlorobenzene	7.973	146	131342	47.95	ng		97
13) 1,4-Dichlorobenzene	8.120	146	130991	47.56	ng		97
14) 1,2-Dichlorobenzene	8.443	146	129235	48.74	ng		92
15) Benzyl Alcohol	8.326	79	146012	52.11	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.614	45	198045	50.03	ng		84
17) 2-Methylphenol	8.526	107	115147	53.46	ng		98
18) Hexachloroethane	9.178	117	53904	49.01	ng		96
19) n-Nitroso-di-n-propyla...	8.896	70	113480	49.62	ng	#	97
20) 3+4-Methylphenols	8.861	107	161922	54.22	ng		98
22) Acetophenone	8.914	105	210896	45.57	ng	#	95
24) Nitrobenzene	9.295	77	174802	44.08	ng		98
25) Isophorone	9.824	82	296029	42.11	ng		97
26) 2-Nitrophenol	10.012	139	74624	47.27	ng		97
27) 2,4-Dimethylphenol	10.065	122	122743	51.82	ng		95
28) bis(2-Chloroethoxy)met...	10.306	93	164150	49.52	ng		95
29) 2,4-Dichlorophenol	10.553	162	134447	47.33	ng		90
30) 1,2,4-Trichlorobenzene	10.770	180	146972	43.94	ng		95
31) Naphthalene	10.958	128	392566	43.45	ng		98
32) Benzoic acid	10.230	122	81590	43.35	ng	#	75
33) 4-Chloroaniline	11.064	127	96705	25.89	ng		97
34) Hexachlorobutadiene	11.246	225	105752	42.79	ng		98
35) Caprolactam	11.857	113	46142m	51.18	ng		
36) 4-Chloro-3-methylphenol	12.186	107	160770	49.19	ng		95
37) 2-Methylnaphthalene	12.562	142	308710	45.38	ng		95
38) 1-Methylnaphthalene	12.780	142	286605	44.49	ng		94
40) 1,2,4,5-Tetrachloroben...	12.926	216	179498	45.02	ng		97
41) Hexachlorocyclopentadiene	12.909	237	256303	108.53	ng		92
43) 2,4,6-Trichlorophenol	13.161	196	130677	47.47	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	140397	46.64	ng		92
46) 1,1'-Biphenyl	13.567	154	391274	45.83	ng		98
47) 2-Chloronaphthalene	13.608	162	313174	44.58	ng		99
48) 2-Nitroaniline	13.808	65	125537	49.01	ng		97
49) Acenaphthylene	14.454	152	503967	45.50	ng		97
50) Dimethylphthalate	14.184	163	424407	46.28	ng		100
51) 2,6-Dinitrotoluene	14.301	165	95249	45.30	ng		94
52) Acenaphthene	14.795	154	309617	44.86	ng		94
53) 3-Nitroaniline	14.636	138	64921	32.15	ng		91
54) 2,4-Dinitrophenol	14.842	184	105037	73.22	ng		92
55) Dibenzofuran	15.130	168	490561	43.66	ng		99
56) 4-Nitrophenol	14.948	139	150014	91.15	ng		95
57) 2,4-Dinitrotoluene	15.089	165	136135	45.58	ng		97
58) Fluorene	15.776	166	415704	44.73	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.353	232	135806	48.46	ng		97
60) Diethylphthalate	15.541	149	453593	46.68	ng		97
61) 4-Chlorophenyl-phenyle...	15.770	204	233452	45.38	ng		96
62) 4-Nitroaniline	15.800	138	94458	45.02	ng		87
63) Azobenzene	16.064	77	432791	44.17	ng		90
65) 4,6-Dinitro-2-methylph...	15.852	198	79350	43.33	ng		93
66) n-Nitrosodiphenylamine	15.982	169	367369	45.82	ng		98
67) 4-Bromophenyl-phenylether	16.663	248	159258	46.04	ng		95
68) Hexachlorobenzene	16.787	284	175319	45.85	ng		98
69) Atrazine	16.934	200	155672	58.46	ng		100
70) Pentachlorophenol	17.127	266	221382	99.46	ng		96
71) Phenanthrene	17.527	178	668874	45.31	ng		98
72) Anthracene	17.615	178	678918	46.13	ng		99
73) Carbazole	17.879	167	606735	43.24	ng		98
74) Di-n-butylphthalate	18.438	149	749217	46.44	ng		99
75) Fluoranthene	19.530	202	813301	44.00	ng		98
77) Benzidine	19.707	184	396901	75.25	ng		98
78) Pyrene	19.895	202	803218	44.04	ng		98
80) Butylbenzylphthalate	20.770	149	326988	47.32	ng		96
81) Benzo(a)anthracene	21.746	228	804425	43.92	ng		98
82) 3,3'-Dichlorobenzidine	21.657	252	211287	33.91	ng		98
83) Chrysene	21.816	228	774667	44.52	ng		95
84) Bis(2-ethylhexyl)phtha...	21.646	149	463571	47.50	ng		97
85) Di-n-octyl phthalate	22.885	149	784692	47.77	ng		97
87) Indeno(1,2,3-cd)pyrene	28.861	276	977873	47.69	ng		97
88) Benzo(b)fluoranthene	24.025	252	849552	45.81	ng	#	97
89) Benzo(k)fluoranthene	24.096	252	822552m	46.50	ng		
90) Benzo(a)pyrene	24.918	252	832185	48.65	ng		99
91) Dibenzo(a,h)anthracene	28.937	278	807287	46.65	ng		98
92) Benzo(g,h,i)perylene	30.053	276	814982	47.77	ng		97

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

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