Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045936.D
Acq On : 3 Jul 2020 6:47
Operator : CG/JU
Sample : L3197-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMSD

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:40 AM

Quant Time: Jul 04 00:26:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	47542	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	180443	20.00	ng		0.00
39) Acenaphthene-d10	14.51	164	131342	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	336133	20.00	ng		0.00
76) Chrysene-d12	21.51	240	335726	20.00	ng		0.00
86) Perylene-d12	24.59	264	350531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	399700	142.02	ng		0.00
7) Phenol-d6	7.07	99	520344	121.55	ng		0.00
23) Nitrobenzene-d5	9.02	82	414709	104.99	ng		0.00
42) 2,4,6-Tribromophenol	16.02	330	321239	162.00	ng		0.00
45) 2-Fluorobiphenyl	13.13	172	915907	102.48	ng		0.00
79) Terphenyl-d14	19.89	244	1802094	108.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	52706	40.889	ng	#	35
3) Pyridine	3.70	79	128850	33.733	ng		94
4) n-Nitrosodimethylamine	3.60	42	57436	44.796	ng		96
6) Aniline	7.18	93	164004	32.536	ng		97
8) 2-Chlorophenol	7.43	128	152186	50.518	ng		96
9) Benzaldehyde	6.99	77	57091	22.203	ng		95
10) Phenol	7.09	94	170997	41.224	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	145117	46.060	ng		99
12) 1,3-Dichlorobenzene	7.74	146	166675	46.427	ng		97
13) 1,4-Dichlorobenzene	7.89	146	169074	47.150	ng		97
14) 1,2-Dichlorobenzene	8.21	146	157132	45.772	ng		99
15) Benzyl Alcohol	8.11	79	158851	47.950	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.38	45	141149	47.535	ng		98
17) 2-Methylphenol	8.34	107	135832	44.002	ng		99
18) Hexachloroethane	8.94	117	65412	48.029	ng		100
19) n-Nitroso-di-n-propylamine	8.67	70	137055	48.697	ng	#	98
20) 3+4-Methylphenols	8.67	107	176630	43.507	ng		96
22) Acetophenone	8.68	105	242851	49.035	ng	#	97
24) Nitrobenzene	9.06	77	206752	49.092	ng		99
25) Isophorone	9.58	82	373844	48.890	ng		98
26) 2-Nitrophenol	9.78	139	88156	50.244	ng		96
27) 2,4-Dimethylphenol	9.86	122	141088	52.669	ng		96
28) bis(2-Chloroethoxy)methane	10.07	93	198379	49.667	ng		99
29) 2,4-Dichlorophenol	10.34	162	159257	50.956	ng		94
30) 1,2,4-Trichlorobenzene	10.53	180	175935	47.551	ng		98
31) Naphthalene	10.71	128	477528	48.406	ng		98
32) Benzoic acid	10.06	122	51992	33.307	ng		86
33) 4-Chloroaniline	10.83	127	58089	14.061	ng		96
34) Hexachlorobutadiene	11.00	225	122536	46.568	ng		98
35) Caprolactam	11.60	113	44400m	43.901	ng		
36) 4-Chloro-3-methylphenol	12.00	107	189517	52.519	ng		99
37) 2-Methylnaphthalene	12.33	142	361353	49.191	ng		98
38) 1-Methylnaphthalene	12.54	142	348302	50.104	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	204021	47.175	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	191092	79.993	ng	98
43) 2,4,6-Trichlorophenol	12.95	196	139939	47.725	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	146918	43.963	ng	96
46) 1,1'-Biphenyl	13.34	154	464464	49.394	ng	99
47) 2-Chloronaphthalene	13.38	162	363948	47.914	ng	99
48) 2-Nitroaniline	13.60	65	129853	51.393	ng	96
49) Acenaphthylene	14.24	152	601758	49.460	ng	98
50) Dimethylphthalate	13.97	163	528004	51.316	ng	99
51) 2,6-Dinitrotoluene	14.09	165	120183	52.005	ng	98
52) Acenaphthene	14.58	154	360013	48.817	ng	98
53) 3-Nitroaniline	14.43	138	77466	33.559	ng	99
54) 2,4-Dinitrophenol	14.64	184	129105	97.931	ng	95
55) Dibenzofuran	14.91	168	595952	49.744	ng	100
56) 4-Nitrophenol	14.79	139	129097	78.156	ng	95
57) 2,4-Dinitrotoluene	14.89	165	174576	52.724	ng	97
58) Fluorene	15.56	166	508812	51.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	139564	48.117	ng	99
60) Diethylphthalate	15.34	149	561252	53.359	ng	100
61) 4-Chlorophenyl-phenylether	15.56	204	279418	48.664	ng	99
62) 4-Nitroaniline	15.60	138	122673	51.782	ng	95
63) Azobenzene	15.85	77	537258	53.196	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	107161	51.587	ng	97
66) n-Nitrosodiphenylamine	15.77	169	456359	47.934	ng	97
67) 4-Bromophenyl-phenylether	16.45	248	197324	45.179	ng	94
68) Hexachlorobenzene	16.58	284	221821	48.978	ng	99
69) Atrazine	16.73	200	185186	50.126	ng	97
70) Pentachlorophenol	16.93	266	164213	74.138	ng	98
71) Phenanthrene	17.31	178	860282	49.625	ng	100
72) Anthracene	17.40	178	876899	50.797	ng	98
73) Carbazole	17.67	167	829432	50.461	ng	99
74) Di-n-butylphthalate	18.23	149	1011573	51.976	ng	99
75) Fluoranthene	19.32	202	1120505	52.564	ng	99
77) Benzidine	19.50	184	77161	8.841	ng	99
78) Pyrene	19.68	202	1110405	49.392	ng	99
80) Butylbenzylphthalate	20.57	149	467146	49.643	ng	98
81) Benzo(a)anthracene	21.50	228	1071136	49.210	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	296882	36.059	ng	98
83) Chrysene	21.56	228	1033213	49.077	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	656973	50.192	ng	99
85) Di-n-octyl phthalate	22.57	149	1128751	49.994	ng	100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1354529	53.303	ng	99
88) Benzo(b)fluoranthene	23.62	252	1147138	52.195	ng	99
89) Benzo(k)fluoranthene	23.69	252	1126442	53.551	ng	100
90) Benzo(a)pyrene	24.45	252	1068764	52.057	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1105135	54.232	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1084842	53.187	ng	98

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

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