Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
Data File : BG045851.D
Acq On : 24 Jun 2020 19:15
Operator : CG/JU
Sample : L3089-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMS

Manual Integrations APPROVED
mohammad
6/25/2020 1:06:39 PM

Quant Time: Jun 25 00:52:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52026	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	206561	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	143080	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	329900	20.00	ng		0.00
76) Chrysene-d12	21.58	240	312934	20.00	ng		0.00
86) Perylene-d12	24.70	264	343290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	375945	122.07	ng		-0.01
7) Phenol-d6	7.15	99	468408	99.99	ng		-0.02
23) Nitrobenzene-d5	9.08	82	383190	84.75	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	265565	122.94	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	817069	83.92	ng		0.00
79) Terphenyl-d14	19.93	244	1383235	89.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	53458	37.898	ng	#	52
3) Pyridine	3.79	79	146951	35.156	ng		98
4) n-Nitrosodimethylamine	3.69	42	62941	44.859	ng		98
6) Aniline	7.25	93	212352	38.497	ng		97
8) 2-Chlorophenol	7.50	128	154286	46.801	ng		93
9) Benzaldehyde	7.05	77	75610	26.871	ng		98
10) Phenol	7.17	94	177236	39.046	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	144778	41.992	ng		97
12) 1,3-Dichlorobenzene	7.80	146	167082	42.529	ng		97
13) 1,4-Dichlorobenzene	7.95	146	169582	43.216	ng		99
14) 1,2-Dichlorobenzene	8.27	146	161312	42.940	ng		95
15) Benzyl Alcohol	8.17	79	159007	43.860	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	133095	40.959	ng		82
17) 2-Methylphenol	8.40	107	136398	40.377	ng		96
18) Hexachloroethane	9.00	117	64903	43.548	ng		92
19) n-Nitroso-di-n-propylamine	8.73	70	138598	45.001	ng		99
20) 3+4-Methylphenols	8.74	107	178224	40.116	ng	#	70
22) Acetophenone	8.74	105	241122	42.530	ng		96
24) Nitrobenzene	9.12	77	207103	42.958	ng		97
25) Isophorone	9.65	82	362826	41.450	ng		99
26) 2-Nitrophenol	9.84	139	88984	44.303	ng		93
27) 2,4-Dimethylphenol	9.92	122	138876	45.288	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	197654	43.228	ng		99
29) 2,4-Dichlorophenol	10.40	162	160650	44.903	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	181006	42.736	ng		93
31) Naphthalene	10.77	128	491135	43.490	ng		98
32) Benzoic acid	10.12	122	64598	35.384	ng		94
33) 4-Chloroaniline	10.89	127	141714	29.966	ng		98
34) Hexachlorobutadiene	11.06	225	125639	41.710	ng		98
35) Caprolactam	11.68	113	40250m	34.766	ng		
36) 4-Chloro-3-methylphenol	12.06	107	180436	43.680	ng		98
37) 2-Methylnaphthalene	12.39	142	362593	43.118	ng		99
38) 1-Methylnaphthalene	12.60	142	344642	43.309	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	207324	44.006	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	210430	80.770	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	142416	44.585	ng		96
44) 2,4,5-Trichlorophenol	13.11	196	144774	39.767	ng		96
46) 1,1'-Biphenyl	13.40	154	450793	44.007	ng		100
47) 2-Chloronaphthalene	13.44	162	356457	43.078	ng		97
48) 2-Nitroaniline	13.65	65	119598	43.451	ng		98
49) Acenaphthylene	14.29	152	578292	43.632	ng		99
50) Dimethylphthalate	14.02	163	542120	48.365	ng		99
51) 2,6-Dinitrotoluene	14.14	165	108097	42.938	ng		90
52) Acenaphthene	14.63	154	346092	43.079	ng		100
53) 3-Nitroaniline	14.49	138	85585	34.035	ng		95
54) 2,4-Dinitrophenol	14.69	184	73768	56.037	ng		92
55) Dibenzofuran	14.96	168	569469	43.634	ng		98
56) 4-Nitrophenol	14.85	139	112813	63.481	ng		97
57) 2,4-Dinitrotoluene	14.94	165	154743	42.900	ng		97
58) Fluorene	15.62	166	472220	43.513	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	138431	43.811	ng		98
60) Diethylphthalate	15.39	149	488059	42.594	ng		95
61) 4-Chlorophenyl-phenylether	15.61	204	263317	42.098	ng		98
62) 4-Nitroaniline	15.65	138	109374	42.381	ng		94
63) Azobenzene	15.90	77	484895	44.072	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	81057	39.758	ng		98
66) n-Nitrosodiphenylamine	15.83	169	416669	44.592	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	179323	41.833	ng		96
68) Hexachlorobenzene	16.63	284	198998	44.769	ng		97
69) Atrazine	16.78	200	157767	43.511	ng		98
70) Pentachlorophenol	16.99	266	164363	75.457	ng		96
71) Phenanthrene	17.36	178	744079	43.733	ng		98
72) Anthracene	17.45	178	757876	44.731	ng		99
73) Carbazole	17.73	167	697481	43.235	ng		99
74) Di-n-butylphthalate	18.28	149	826579	43.273	ng		100
75) Fluoranthene	19.37	202	924078	44.168	ng		99
77) Benzidine	19.55	184	471761	57.989	ng		99
78) Pyrene	19.73	202	909997	43.426	ng		99
80) Butylbenzylphthalate	20.62	149	370599	42.251	ng		93
81) Benzo(a)anthracene	21.56	228	899627	44.341	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	276960	36.089	ng		96
83) Chrysene	21.62	228	870469	44.358	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	536589	43.981	ng		99
85) Di-n-octyl phthalate	22.64	149	904132	42.962	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1116278	44.854	ng		99
88) Benzo(b)fluoranthene	23.72	252	969169	45.027	ng		98
89) Benzo(k)fluoranthene	23.78	252	926047	44.953	ng		98
90) Benzo(a)pyrene	24.56	252	878532	43.694	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	918453	46.021	ng		99
92) Benzo(g,h,i)perylene	29.37	276	919119	46.013	ng	#	96

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

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