Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
Data File : BG045852.D
Acq On : 24 Jun 2020 19:56
Operator : CG/JU
Sample : L3089-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB47184-RTMSD

Manual Integrations APPROVED
mohammad
6/25/2020 1:06:41 PM

Quant Time: Jun 25 00:55:06 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	55180	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	214058	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	151985	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	343855	20.00	ng		0.00
76) Chrysene-d12	21.57	240	323880	20.00	ng		0.00
86) Perylene-d12	24.70	264	349716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	376808	115.35	ng		-0.01
7) Phenol-d6	7.14	99	460422	92.66	ng		-0.02
23) Nitrobenzene-d5	9.08	82	393474	83.97	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	283089	123.37	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	869093	84.03	ng		0.00
79) Terphenyl-d14	19.94	244	1415524	88.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	51949	34.723	ng	#	30
3) Pyridine	3.78	79	137952	31.116	ng		98
4) n-Nitrosodimethylamine	3.69	42	62309	41.870	ng	#	90
6) Aniline	7.25	93	200447	34.262	ng		97
8) 2-Chlorophenol	7.50	128	158859	45.434	ng		97
9) Benzaldehyde	7.05	77	75552	25.316	ng		97
10) Phenol	7.17	94	171571	35.637	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	152485	41.699	ng		97
12) 1,3-Dichlorobenzene	7.81	146	170546	40.930	ng		98
13) 1,4-Dichlorobenzene	7.95	146	172752	41.507	ng		96
14) 1,2-Dichlorobenzene	8.27	146	162875	40.878	ng		98
15) Benzyl Alcohol	8.17	79	167322	43.516	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140341	40.721	ng		82
17) 2-Methylphenol	8.40	107	137004	38.238	ng		94
18) Hexachloroethane	9.00	117	66890	42.316	ng		95
19) n-Nitroso-di-n-propylamine	8.73	70	139509	42.707	ng		99
20) 3+4-Methylphenols	8.74	107	178734	37.931	ng	#	64
22) Acetophenone	8.74	105	252437	42.966	ng	#	95
24) Nitrobenzene	9.12	77	212907	42.615	ng		99
25) Isophorone	9.64	82	379796	41.869	ng		98
26) 2-Nitrophenol	9.84	139	93578	44.958	ng		97
27) 2,4-Dimethylphenol	9.93	122	142584	44.869	ng		92
28) bis(2-Chloroethoxy)methane	10.13	93	208310	43.963	ng		99
29) 2,4-Dichlorophenol	10.40	162	167861	45.275	ng		96
30) 1,2,4-Trichlorobenzene	10.59	180	186448	42.479	ng		99
31) Naphthalene	10.77	128	503960	43.063	ng		100
32) Benzoic acid	10.13	122	68687	36.072	ng		97
33) 4-Chloroaniline	10.90	127	93224	19.022	ng		96
34) Hexachlorobutadiene	11.06	225	129519	41.492	ng		98
35) Caprolactam	11.67	113	38809m	32.347	ng		
36) 4-Chloro-3-methylphenol	12.06	107	191129	44.648	ng		97
37) 2-Methylnaphthalene	12.38	142	379018	43.493	ng		99
38) 1-Methylnaphthalene	12.60	142	361073	43.784	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	217508	43.463	ng		98

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Quant Time: Jun 25 00:55:06 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)
41) Hexachlorocyclopentadiene	12.73	237	219564	79.488	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	146887	43.290	ng		96
44) 2,4,5-Trichlorophenol	13.11	196	149449	38.646	ng		96
46) 1,1'-Biphenyl	13.40	154	476780	43.817	ng		100
47) 2-Chloronaphthalene	13.44	162	375696	42.743	ng		99
48) 2-Nitroaniline	13.66	65	123837	42.355	ng		99
49) Acenaphthylene	14.29	152	605218	42.988	ng		99
50) Dimethylphthalate	14.03	163	582427	48.917	ng		100
51) 2,6-Dinitrotoluene	14.14	165	113608	42.483	ng		92
52) Acenaphthene	14.63	154	360592	42.254	ng		99
53) 3-Nitroaniline	14.48	138	78543	29.404	ng		92
54) 2,4-Dinitrophenol	14.70	184	79669	56.809	ng		94
55) Dibenzofuran	14.97	168	592766	42.758	ng		97
56) 4-Nitrophenol	14.85	139	109076	58.138	ng		99
57) 2,4-Dinitrotoluene	14.94	165	162844	42.501	ng		99
58) Fluorene	15.62	166	493922	42.846	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	143610	42.787	ng		98
60) Diethylphthalate	15.39	149	512804	42.131	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	274067	41.249	ng		97
62) 4-Nitroaniline	15.65	138	109696	40.015	ng		90
63) Azobenzene	15.90	77	498373	42.643	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	83210	39.157	ng		98
66) n-Nitrosodiphenylamine	15.83	169	429968	44.147	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	188006	42.079	ng		98
68) Hexachlorobenzene	16.63	284	207349	44.754	ng		97
69) Atrazine	16.78	200	169025	44.724	ng		96
70) Pentachlorophenol	16.99	266	165409	73.118	ng		95
71) Phenanthrene	17.36	178	766003	43.194	ng		98
72) Anthracene	17.45	178	792502	44.877	ng		98
73) Carbazole	17.73	167	707666	42.086	ng		100
74) Di-n-butylphthalate	18.29	149	852579	42.823	ng		100
75) Fluoranthene	19.37	202	937433	42.988	ng		99
77) Benzidine	19.55	184	342752	40.707	ng		99
78) Pyrene	19.74	202	919279	42.386	ng		98
80) Butylbenzylphthalate	20.62	149	383615	42.257	ng		97
81) Benzo(a)anthracene	21.56	228	910792	43.374	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	232621	29.287	ng		98
83) Chrysene	21.62	228	884614	43.555	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	545290	43.183	ng	#	97
85) Di-n-octyl phthalate	22.64	149	916780	42.091	ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1135687	44.795	ng	#	98
88) Benzo(b)fluoranthene	23.71	252	984693	44.908	ng		97
89) Benzo(k)fluoranthene	23.78	252	933728	44.493	ng		98
90) Benzo(a)pyrene	24.55	252	895482	43.719	ng		98
91) Dibenzo(a,h)anthracene	28.31	278	929930	45.740	ng		100
92) Benzo(g,h,i)perylene	29.36	276	932629	45.831	ng		98

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

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