Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045864.D
Acq On : 25 Jun 2020 19:26
Operator : CG/JU
Sample : L3111-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6-DMSD

Manual Integrations APPROVED
mohammad
6/26/2020 12:37:52 PM

Quant Time: Jun 25 20:02:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	54663	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	206850	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	144565	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	332695	20.00	ng		0.00
76) Chrysene-d12	21.57	240	313521	20.00	ng		0.00
86) Perylene-d12	24.70	264	335967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	296371	91.59	ng		0.00
7) Phenol-d6	7.14	99	423412	86.02	ng		0.00
23) Nitrobenzene-d5	9.08	82	270057	59.64	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	190374	87.23	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	605188	61.52	ng		0.00
79) Terphenyl-d14	19.93	244	1063018	68.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	62605	42.241	ng		97
3) Pyridine	3.76	79	176474	40.182	ng		96
4) n-Nitrosodimethylamine	3.68	42	72789	49.375	ng	#	97
6) Aniline	7.24	93	217988	37.612	ng		98
8) 2-Chlorophenol	7.49	128	173791	50.174	ng		98
9) Benzaldehyde	7.05	77	86887	29.389	ng		97
10) Phenol	7.16	94	238359	49.978	ng		99
11) bis(2-Chloroethyl)ether	7.34	93	157604	43.507	ng		95
12) 1,3-Dichlorobenzene	7.80	146	188861	45.754	ng		96
13) 1,4-Dichlorobenzene	7.95	146	190430	46.187	ng		99
14) 1,2-Dichlorobenzene	8.27	146	179674	45.520	ng		98
15) Benzyl Alcohol	8.17	79	177277	46.541	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	148598	43.524	ng		81
17) 2-Methylphenol	8.40	107	155688	43.864	ng		99
18) Hexachloroethane	8.99	117	73549	46.969	ng		91
19) n-Nitroso-di-n-propylamine	8.72	70	144740	44.728	ng		99
20) 3+4-Methylphenols	8.73	107	205344	43.991	ng	#	75
22) Acetophenone	8.74	105	260009	45.797	ng	#	97
24) Nitrobenzene	9.12	77	222934	46.177	ng		98
25) Isophorone	9.64	82	386337	44.074	ng		98
26) 2-Nitrophenol	9.83	139	96612	48.034	ng		93
27) 2,4-Dimethylphenol	9.92	122	155404	50.607	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	214278	46.799	ng		99
29) 2,4-Dichlorophenol	10.40	162	175350	48.943	ng		96
30) 1,2,4-Trichlorobenzene	10.58	180	198789	46.869	ng		95
31) Naphthalene	10.77	128	515855	45.615	ng		99
32) Benzoic acid	10.13	122	88105	44.943	ng		93
33) 4-Chloroaniline	10.89	127	125211	26.439	ng		95
34) Hexachlorobutadiene	11.06	225	136270	45.176	ng		98
35) Caprolactam	11.66	113	55444m	47.822	ng		
36) 4-Chloro-3-methylphenol	12.05	107	198332	47.945	ng		99
37) 2-Methylnaphthalene	12.38	142	389792	46.288	ng		100
38) 1-Methylnaphthalene	12.60	142	364709	45.766	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	222377	46.716	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	241060	90.450 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	145977	45.230 ng	97
44) 2,4,5-Trichlorophenol	13.10	196	154303	41.949 ng	99
46) 1,1'-Biphenyl	13.39	154	485575	46.915 ng	100
47) 2-Chloronaphthalene	13.44	162	378218	45.238 ng	98
48) 2-Nitroaniline	13.65	65	125299	45.055 ng	99
49) Acenaphthylene	14.28	152	608606	45.447 ng	99
50) Dimethylphthalate	14.03	163	565495	49.933 ng	97
51) 2,6-Dinitrotoluene	14.14	165	117377	46.145 ng	97
52) Acenaphthene	14.63	154	362157	44.616 ng	100
53) 3-Nitroaniline	14.48	138	76763	30.213 ng	95
54) 2,4-Dinitrophenol	14.69	184	137164	94.868 ng	94
55) Dibenzofuran	14.97	168	595386	45.151 ng	99
56) 4-Nitrophenol	14.85	139	146825	80.626 ng	98
57) 2,4-Dinitrotoluene	14.94	165	165722	45.472 ng	98
58) Fluorene	15.62	166	503235	45.895 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	145052	45.435 ng	98
60) Diethylphthalate	15.39	149	517676	44.714 ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	279870	44.285 ng	99
62) 4-Nitroaniline	15.65	138	115058	44.125 ng	90
63) Azobenzene	15.90	77	508028	45.701 ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	106281	51.692 ng	93
66) n-Nitrosodiphenylamine	15.82	169	440584	46.755 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	192404	44.508 ng	95
68) Hexachlorobenzene	16.63	284	208530	46.519 ng	95
69) Atrazine	16.78	200	167494	45.806 ng	99
70) Pentachlorophenol	16.98	266	185411	83.499 ng	95
71) Phenanthrene	17.36	178	792278	46.174 ng	99
72) Anthracene	17.44	178	802945	46.993 ng	100
73) Carbazole	17.73	167	742022	45.609 ng	99
74) Di-n-butylphthalate	18.28	149	893121	46.364 ng	100
75) Fluoranthene	19.37	202	996736	47.241 ng	98
77) Benzidine	19.55	184	486433	59.681 ng	100
78) Pyrene	19.73	202	990071	47.158 ng	99
80) Butylbenzylphthalate	20.62	149	400167	45.537 ng	97
81) Benzo(a)anthracene	21.56	228	939050	46.198 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	223905	29.121 ng	100
83) Chrysene	21.62	228	902740	45.917 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	564808	46.207 ng	98
85) Di-n-octyl phthalate	22.64	149	968641	45.941 ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1187679	48.763 ng	99
88) Benzo(b)fluoranthene	23.71	252	1022996	48.564 ng	98
89) Benzo(k)fluoranthene	23.78	252	991441	49.177 ng	98
90) Benzo(a)pyrene	24.55	252	930645	47.295 ng	98
91) Dibenzo(a,h)anthracene	28.31	278	970183	49.673 ng	99
92) Benzo(g,h,i)perylene	29.36	276	972654	49.754 ng	98

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

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