Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045700.D
Acq On : 10 Jun 2020 20:37
Operator : CG/JU
Sample : L2950-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-11939MSD

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:07 PM

Quant Time: Jun 11 01:06:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59703	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	248131	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	185193	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	452914	20.00	ng		0.00
76) Chrysene-d12	21.60	240	420869	20.00	ng		0.00
87) Perylene-d12	24.74	264	457420	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	271112	88.74	ng		0.00
7) Phenol-d6	7.14	99	400277	92.06	ng		-0.01
23) Nitrobenzene-d5	9.10	82	259932	57.13	ng		-0.01
42) 2,4,6-Tribromophenol	16.09	330	203815	86.06	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	624496	57.20	ng		0.00
79) Terphenyl-d14	19.95	244	1135560	62.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	53376	35.234	ng	#	95
3) Pyridine	3.79	79	143274	33.958	ng		98
4) n-Nitrosodimethylamine	3.71	42	59466	43.072	ng	#	90
6) Aniline	7.27	93	113289	19.959	ng		95
8) 2-Chlorophenol	7.52	128	154886	46.233	ng		96
9) Benzaldehyde	7.08	77	111578	39.386	ng		99
10) Phenol	7.17	94	207519	46.307	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	137174	39.244	ng		96
12) 1,3-Dichlorobenzene	7.84	146	160774	39.935	ng		99
13) 1,4-Dichlorobenzene	7.98	146	161488	40.646	ng		100
14) 1,2-Dichlorobenzene	8.30	146	153606	40.197	ng		98
15) Benzyl Alcohol	8.19	79	155790	43.372	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	129672	39.082	ng		100
17) 2-Methylphenol	8.41	107	137938	41.123	ng		99
18) Hexachloroethane	9.03	117	60768	39.935	ng		91
19) n-Nitroso-di-n-propylamine	8.75	70	126345	42.020	ng		98
20) 3+4-Methylphenols	8.74	107	189448	41.476	ng		96
22) Acetophenone	8.77	105	228254	38.812	ng		97
24) Nitrobenzene	9.15	77	200401	41.107	ng		94
25) Isophorone	9.67	82	353744	39.475	ng		98
26) 2-Nitrophenol	9.86	139	88188	42.287	ng		94
27) 2,4-Dimethylphenol	9.94	122	138443	44.759	ng		95
28) bis(2-Chloroethoxy)methane	10.16	93	196194	41.748	ng		97
29) 2,4-Dichlorophenol	10.41	162	160437	43.924	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	173689	40.243	ng		99
31) Naphthalene	10.80	128	474077	41.000	ng		99
32) Benzoic acid	10.11	122	65550	34.676	ng		94
33) 4-Chloroaniline	10.92	127	51821	10.722	ng		94
34) Hexachlorobutadiene	11.10	225	118778	38.932	ng		99
35) Caprolactam	11.69	113	56610m	42.225	ng		
36) 4-Chloro-3-methylphenol	12.06	107	188743	45.857	ng		96
37) 2-Methylnaphthalene	12.41	142	360472	41.827	ng		97
38) 1-Methylnaphthalene	12.63	142	345297	42.415	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	205778	39.781	ng		98

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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	12.77	237	226229	75.773	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	144846	40.310	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	155187	37.793	ng		94
46) 1,1'-Biphenyl	13.42	154	464758	40.842	ng		99
47) 2-Chloronaphthalene	13.46	162	360622	39.027	ng		98
48) 2-Nitroaniline	13.67	65	123594	40.662	ng		99
49) Acenaphthylene	14.31	152	599461	40.388	ng		98
50) Dimethylphthalate	14.05	163	616060	48.493	ng		99
51) 2,6-Dinitrotoluene	14.17	165	113676	39.654	ng		96
52) Acenaphthene	14.66	154	453510m	45.647	ng		
53) 3-Nitroaniline	14.50	138	44931	15.418	ng		100
54) 2,4-Dinitrophenol	14.71	184	130772	70.346	ng		99
55) Dibenzofuran	14.99	168	597870	40.523	ng		98
56) 4-Nitrophenol	14.84	139	164726	74.663	ng		91
57) 2,4-Dinitrotoluene	14.96	165	163340	39.343	ng		97
58) Fluorene	15.64	166	509550	42.038	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	147266	40.765	ng		97
60) Diethylphthalate	15.41	149	526676	39.831	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	277673	40.033	ng		99
62) 4-Nitroaniline	15.67	138	110845	36.436	ng		91
63) Azobenzene	15.92	77	512780	41.589	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	106166	40.249	ng		95
66) n-Nitrosodiphenylamine	15.85	169	446488	41.058	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	194736	39.707	ng		96
68) Hexachlorobenzene	16.65	284	210806	41.097	ng		97
69) Atrazine	16.80	200	172052	38.413	ng		97
70) Pentachlorophenol	17.00	266	207212	77.798	ng		97
71) Phenanthrene	17.38	178	824154	41.682	ng		100
72) Anthracene	17.47	178	826771	41.639	ng		99
73) Carbazole	17.75	167	756438	39.083	ng		98
74) Di-n-butylphthalate	18.30	149	920790	39.637	ng		99
75) Fluoranthene	19.40	202	1043204	41.481	ng		99
77) Benzidine	19.57	184	430415	36.413	ng		99
78) Pyrene	19.75	202	1014502	42.286	ng		100
80) Butylbenzylphthalate	20.64	149	407963	39.396	ng		96
81) Benzo(a)anthracene	21.58	228	951768	40.595	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	189611	20.617	ng		96
83) Chrysene	21.65	228	931591	41.324	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	565239	39.708	ng		99
85) Di-n-octyl phthalate	22.67	149	954990	39.061	ng		100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1209410	41.025	ng	#	98
88) Benzo(b)fluoranthene	23.75	252	1034234	42.159	ng		99
89) Benzo(k)fluoranthene	23.81	252	1008664	43.765	ng		99
90) Benzo(a)pyrene	24.59	252	947131	41.455	ng		98
91) Dibenzo(a,h)anthracene	28.37	278	980523	42.707	ng		98
92) Benzo(g,h,i)perylene	29.42	276	979448	42.655	ng		99

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

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