Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045652.D
Acq On : 8 Jun 2020 21:36
Operator : CG/JU
Sample : L2814-13MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-060320MSD

Manual Integrations APPROVED
mohammad
6/9/2020 12:22:26 PM

Quant Time: Jun 09 01:16:39 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	64311	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	247723	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	171864	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	404959	20.00	ng		0.00
76) Chrysene-d12	21.60	240	375705	20.00	ng		0.00
87) Perylene-d12	24.75	264	404401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	482108	146.50	ng		0.00
7) Phenol-d6	7.15	99	600124	128.13	ng		0.00
23) Nitrobenzene-d5	9.12	82	500830	110.25	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	352311	160.29	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1089908	107.57	ng		0.00
79) Terphenyl-d14	19.96	244	1765499	109.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	69868	42.815	ng	#	49
3) Pyridine	3.83	79	144577	31.812	ng		96
4) n-Nitrosodimethylamine	3.72	42	80495	54.126	ng		87
6) Aniline	7.28	93	197936	32.373	ng		98
8) 2-Chlorophenol	7.52	128	200290	55.502	ng		99
9) Benzaldehyde	7.08	77	104029	34.090	ng		95
10) Phenol	7.18	94	224091	46.422	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	188548	50.076	ng		96
12) 1,3-Dichlorobenzene	7.84	146	213598	49.254	ng		97
13) 1,4-Dichlorobenzene	7.98	146	214385	50.094	ng		97
14) 1,2-Dichlorobenzene	8.30	146	205415	49.904	ng		96
15) Benzyl Alcohol	8.20	79	214687	55.486	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	174656	48.868	ng		97
17) 2-Methylphenol	8.42	107	177034	48.997	ng		98
18) Hexachloroethane	9.03	117	81617	49.794	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	172259	53.185	ng		98
20) 3+4-Methylphenols	8.75	107	234599	47.681	ng		94
22) Acetophenone	8.77	105	312683	53.256	ng	#	97
24) Nitrobenzene	9.16	77	262091	53.850	ng		97
25) Isophorone	9.68	82	478218	53.454	ng		99
26) 2-Nitrophenol	9.87	139	114931	55.201	ng		92
27) 2,4-Dimethylphenol	9.94	122	185794	60.166	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	262672	55.985	ng		97
29) 2,4-Dichlorophenol	10.42	162	206799	56.710	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	226831	52.642	ng		98
31) Naphthalene	10.81	128	620850	53.782	ng		98
32) Benzoic acid	10.12	122	66017	34.893	ng		96
33) 4-Chloroaniline	10.92	127	68877	14.274	ng		97
34) Hexachlorobutadiene	11.10	225	160586	52.723	ng		99
35) Caprolactam	11.71	113	51595m	38.547	ng		
36) 4-Chloro-3-methylphenol	12.07	107	234225	57.002	ng		96
37) 2-Methylnaphthalene	12.42	142	465034	54.049	ng		96
38) 1-Methylnaphthalene	12.63	142	446381m	54.922	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	268212	55.873	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	260495	94.017	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	183051	54.893	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	194002	50.910	ng		98
46) 1,1'-Biphenyl	13.43	154	600808	56.893	ng		99
47) 2-Chloronaphthalene	13.47	162	456526	53.237	ng		99
48) 2-Nitroaniline	13.67	65	155610	55.165	ng		94
49) Acenaphthylene	14.31	152	748660	54.353	ng		99
50) Dimethylphthalate	14.06	163	759640	64.432	ng		98
51) 2,6-Dinitrotoluene	14.17	165	141766	53.288	ng		99
52) Acenaphthene	14.66	154	549742m	59.624	ng		
53) 3-Nitroaniline	14.51	138	79627	29.444	ng		92
54) 2,4-Dinitrophenol	14.71	184	148359	84.781	ng		99
55) Dibenzofuran	15.00	168	723831	52.865	ng		96
56) 4-Nitrophenol	14.85	139	160599	78.438	ng		87
57) 2,4-Dinitrotoluene	14.96	165	202346	52.518	ng		97
58) Fluorene	15.64	166	600617	53.394	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	182451	54.422	ng		97
60) Diethylphthalate	15.42	149	637177	51.925	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	336364	52.255	ng		98
62) 4-Nitroaniline	15.67	138	140402	49.730	ng		99
63) Azobenzene	15.93	77	609232	53.244	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	126577	53.669	ng		92
66) n-Nitrosodiphenylamine	15.85	169	535418	55.067	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	231113	52.705	ng		98
68) Hexachlorobenzene	16.66	284	253131	55.192	ng		98
69) Atrazine	16.81	200	205895	51.412	ng		99
70) Pentachlorophenol	17.00	266	239637	100.627	ng		97
71) Phenanthrene	17.39	178	948094	53.629	ng		100
72) Anthracene	17.47	178	972758	54.792	ng		98
73) Carbazole	17.75	167	898321	51.910	ng		99
74) Di-n-butylphthalate	18.31	149	1058057	50.939	ng		99
75) Fluoranthene	19.40	202	1160595	51.614	ng		99
77) Benzidine	19.58	184	223284	21.161	ng		100
78) Pyrene	19.75	202	1160784	54.200	ng		99
80) Butylbenzylphthalate	20.65	149	479509	51.872	ng		98
81) Benzo(a)anthracene	21.59	228	1140575	54.497	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	264368	32.202	ng		99
83) Chrysene	21.65	228	1083573	53.844	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	675370	53.148	ng		98
85) Di-n-octyl phthalate	22.68	149	1127178	51.646	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1411320	53.630	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	1207773	55.687	ng		98
89) Benzo(k)fluoranthene	23.83	252	1136455	55.774	ng		99
90) Benzo(a)pyrene	24.60	252	1092342	54.079	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	1153011	56.804	ng		98
92) Benzo(g,h,i)perylene	29.45	276	1171985	57.731	ng		97

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

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