Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045030.D
Acq On : 17 Apr 2020 13:08
Operator : CG/JU
Sample : L2284-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11-SAMS

Manual Integrations APPROVED
mohammad
4/20/2020 2:27:59 PM

Quant Time: Apr 17 14:45:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	66047	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	307857	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	253707	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	603778	20.00	ng		0.00
76) Chrysene-d12	21.67	240	523404	20.00	ng		0.00
87) Perylene-d12	24.86	264	568245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	626572	156.62	ng		0.00
7) Phenol-d6	7.19	99	908719	152.88	ng		0.00
23) Nitrobenzene-d5	9.18	82	625721	92.74	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	550282	140.40	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1551020	89.64	ng		0.00
79) Terphenyl-d14	20.01	244	2455622	102.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	66213	37.242	ng	#	34
4) n-Nitrosodimethylamine	3.80	42	80821	48.196	ng		88
6) Aniline	7.34	93	11954	1.547	ng	#	94
8) 2-Chlorophenol	7.59	128	260950	60.693	ng		98
9) Benzaldehyde	7.15	77	135311	40.560	ng		97
10) Phenol	7.21	94	336678	56.605	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	242229	51.151	ng		98
12) 1,3-Dichlorobenzene	7.91	146	241629	47.692	ng		97
13) 1,4-Dichlorobenzene	8.06	146	242115	47.959	ng		96
14) 1,2-Dichlorobenzene	8.38	146	234871	48.630	ng		97
15) Benzyl Alcohol	8.26	79	281947	56.577	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	233446	50.219	ng		97
17) 2-Methylphenol	8.47	107	253312	55.199	ng		96
18) Hexachloroethane	9.11	117	90624	47.751	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	235690	56.070	ng		96
20) 3+4-Methylphenols	8.79	107	359464	55.962	ng		98
22) Acetophenone	8.84	105	419282	50.363	ng	#	97
24) Nitrobenzene	9.22	77	337882	48.856	ng		97
25) Isophorone	9.75	82	699943	50.659	ng		97
26) 2-Nitrophenol	9.93	139	159469	53.531	ng		98
27) 2,4-Dimethylphenol	10.00	122	265858	56.244	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	375908	51.781	ng		98
29) 2,4-Dichlorophenol	10.47	162	307817	56.397	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	286847	46.418	ng		96
31) Naphthalene	10.88	128	815261	48.409	ng		99
32) Benzoic acid	10.16	122	207600	53.521	ng		99
33) 4-Chloroaniline	10.99	127	29007	3.693	ng		94
34) Hexachlorobutadiene	11.18	225	187180	44.179	ng		97
35) Caprolactam	11.76	113	85671m	39.439	ng		
36) 4-Chloro-3-methylphenol	12.11	107	367075	57.250	ng		95
37) 2-Methylnaphthalene	12.48	142	679045	51.947	ng		96
38) 1-Methylnaphthalene	12.70	142	650834	52.740	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	364248	44.591	ng		99
41) Hexachlorocyclopentadiene	12.84	237	503652	98.648	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	295273	51.217	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	311613	47.485	ng		98
46) 1,1'-Biphenyl	13.49	154	886402	45.967	ng		99
47) 2-Chloronaphthalene	13.54	162	685470	46.521	ng		98
48) 2-Nitroaniline	13.73	65	234928	48.459	ng		94
49) Acenaphthylene	14.38	152	1148428	47.850	ng		99
50) Dimethylphthalate	14.11	163	1012423	49.009	ng		99
51) 2,6-Dinitrotoluene	14.22	165	229699	49.712	ng		96
52) Acenaphthene	14.72	154	904625m	55.708	ng		
53) 3-Nitroaniline	14.55	138	71806	14.169	ng		93
54) 2,4-Dinitrophenol	14.76	184	309771	112.745	ng		96
55) Dibenzofuran	15.06	168	1145166	48.371	ng		97
56) 4-Nitrophenol	14.87	139	363868	92.603	ng		98
57) 2,4-Dinitrotoluene	15.02	165	329437	48.787	ng		93
58) Fluorene	15.70	166	946949	48.969	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	315402	54.017	ng		99
60) Diethylphthalate	15.48	149	1034495	48.031	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	526971	47.344	ng		98
62) 4-Nitroaniline	15.72	138	215195	40.941	ng		95
63) Azobenzene	15.99	77	973849	49.042	ng		100
65) 4,6-Dinitro-2-methylphenol	15.78	198	221753	55.876	ng		96
66) n-Nitrosodiphenylamine	15.91	169	865501	49.891	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	370697	47.591	ng		94
68) Hexachlorobenzene	16.71	284	404854	50.116	ng		99
69) Atrazine	16.86	200	339053	54.605	ng		98
70) Pentachlorophenol	17.05	266	517734	104.471	ng		100
71) Phenanthrene	17.45	178	1520233	48.998	ng		99
72) Anthracene	17.54	178	1553329	49.910	ng		99
73) Carbazole	17.80	167	1429700	45.267	ng		99
74) Di-n-butylphthalate	18.37	149	1692323	49.882	ng		99
75) Fluoranthene	19.45	202	1805694	50.232	ng		98
78) Pyrene	19.82	202	1797872	49.825	ng		99
80) Butylbenzylphthalate	20.70	149	750630	50.185	ng		100
81) Benzo(a)anthracene	21.65	228	1697265	50.031	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	215496	15.960	ng		97
83) Chrysene	21.71	228	1600906	49.115	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	1038508	50.484	ng		100
85) Di-n-octyl phthalate	22.78	149	1764075	49.590	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2181674	50.414	ng	#	95
88) Benzo(b)fluoranthene	23.85	252	1814513	50.977	ng		99
89) Benzo(k)fluoranthene	23.92	252	1778969	52.554	ng		99
90) Benzo(a)pyrene	24.71	252	1677267	49.908	ng		98
91) Dibenzo(a,h)anthracene	28.54	278	1771587	52.315	ng		98
92) Benzo(g,h,i)perylene	29.61	276	1784938	52.575	ng		99

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

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