Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
Data File : BG044161.D
Acq On : 22 Jan 2020 17:00
Operator : JU
Sample : L1216-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-04-COMPMS

Manual Integrations APPROVED
mohammad
1/23/2020 1:51:44 PM

Quant Time: Jan 23 08:14:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84670	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	371986	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	242273	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	500095	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	418984	20.00	ng	-0.03
87) Perylene-d12	24.66	264	484825	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	563971	122.30	ng	-0.03
7) Phenol-d6	7.10	99	761441	118.13	ng	-0.02
23) Nitrobenzene-d5	9.09	82	455971	65.57	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	279262	110.15	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1022310	76.45	ng	-0.03
79) Terphenyl-d14	19.92	244	1448614	82.78	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	82147	40.856	ng	95
3) Pyridine	3.79	79	203667	34.289	ng	95
4) n-Nitrosodimethylamine	3.71	42	105449	39.875	ng	99
6) Aniline	7.25	93	208791	24.661	ng	98
8) 2-Chlorophenol	7.49	128	266070	49.148	ng	98
9) Benzaldehyde	7.06	77	127260	30.847	ng	96
10) Phenol	7.13	94	352186	53.030	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	242537	42.308	ng	97
12) 1,3-Dichlorobenzene	7.82	146	264087	41.687	ng	99
13) 1,4-Dichlorobenzene	7.96	146	261717	41.870	ng	99
14) 1,2-Dichlorobenzene	8.28	146	251974	41.998	ng	98
15) Benzyl Alcohol	8.16	79	219478	43.143	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	328639	37.054	ng	99
17) 2-Methylphenol	8.38	107	227309	47.297	ng	95
18) Hexachloroethane	9.02	117	99327	40.838	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	195322	40.690	ng	97
20) 3+4-Methylphenols	8.71	107	314272	46.875	ng	97
22) Acetophenone	8.75	105	361006	39.037	ng	99
24) Nitrobenzene	9.13	77	275500	40.003	ng	98
25) Isophorone	9.65	82	528708	40.528	ng	100
26) 2-Nitrophenol	9.84	139	148643	45.619	ng	99
27) 2,4-Dimethylphenol	9.91	122	254254	51.838	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	339014	38.980	ng	99
29) 2,4-Dichlorophenol	10.38	162	262948	44.944	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	260240	39.671	ng	98
31) Naphthalene	10.78	128	777125	43.171	ng	99
32) Benzoic acid	10.06	122	145866	38.017	ng	91
33) 4-Chloroaniline	10.88	127	129443	15.076	ng	98
34) Hexachlorobutadiene	11.08	225	150356	37.540	ng	99
35) Caprolactam	11.65	113	98364m	45.163	ng	
36) 4-Chloro-3-methylphenol	12.02	107	283394	45.502	ng	99
37) 2-Methylnaphthalene	12.39	142	583282	43.040	ng	97
38) 1-Methylnaphthalene	12.61	142	557865	43.433	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	275754	38.833	ng	99

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QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	355128	96.464 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	207676	42.504 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	227536	45.151 ng	99
46) 1,1'-Biphenyl	13.40	154	737468	42.455 ng	99
47) 2-Chloronaphthalene	13.44	162	574977	40.963 ng	98
48) 2-Nitroaniline	13.63	65	177372	39.284 ng	100
49) Acenaphthylene	14.29	152	919603	45.582 ng	98
50) Dimethylphthalate	14.02	163	876835	50.972 ng	99
51) 2,6-Dinitrotoluene	14.13	165	166537	42.832 ng	97
52) Acenaphthene	14.63	154	570227	40.304 ng	99
53) 3-Nitroaniline	14.46	138	103709	23.489 ng	98
54) 2,4-Dinitrophenol	14.67	184	161427	81.393 ng	96
55) Dibenzofuran	14.96	168	867553	44.543 ng	98
56) 4-Nitrophenol	14.79	139	297864	88.035 ng	96
57) 2,4-Dinitrotoluene	14.92	165	228874	43.261 ng	98
58) Fluorene	15.61	166	685614	44.413 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	191107	44.102 ng	98
60) Diethylphthalate	15.39	149	742824	43.173 ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	354856	42.333 ng	98
62) 4-Nitroaniline	15.63	138	166571	38.203 ng	95
63) Azobenzene	15.90	77	693708	43.475 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	128884	49.836 ng	98
66) n-Nitrosodiphenylamine	15.82	169	638835	43.378 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	227468	40.442 ng	98
68) Hexachlorobenzene	16.62	284	243797	40.226 ng	98
69) Atrazine	16.77	200	227517	47.527 ng	98
70) Pentachlorophenol	16.97	266	270236	80.887 ng	100
71) Phenanthrene	17.35	178	1056641	44.050 ng	97
72) Anthracene	17.44	178	1075956	45.387 ng	97
73) Carbazole	17.71	167	957515	43.727 ng	97
74) Di-n-butylphthalate	18.28	149	1200090	42.925 ng	97
75) Fluoranthene	19.36	202	1199628	43.730 ng	96
77) Benzidine	19.54	184	431200	40.944 ng	98
78) Pyrene	19.72	202	1198625	43.827 ng	96
80) Butylbenzylphthalate	20.61	149	558259	42.875 ng	95
81) Benzo(a)anthracene	21.54	228	1143978	44.033 ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	263172	25.640 ng	98
83) Chrysene	21.60	228	1089331	44.127 ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	791432	44.052 ng	97
85) Di-n-octyl phthalate	22.64	149	1382314	45.767 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1412756	42.111 ng	99
88) Benzo(b)fluoranthene	23.68	252	1192446	41.604 ng	98
89) Benzo(k)fluoranthene	23.75	252	1187134	43.556 ng	98
90) Benzo(a)pyrene	24.52	252	1116519	41.274 ng	98
91) Dibenzo(a,h)anthracene	28.24	278	1163576	42.829 ng	96
92) Benzo(g,h,i)perylene	29.28	276	1189203	44.067 ng	98

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

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