Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
Data File : BG046460.D
Acq On : 26 Aug 2020 19:11
Operator : CG/JU
Sample : L3784-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 01:43:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 18:00:34 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RO-10MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65703	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	272208	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	197900	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	504884	20.00	ng		0.00
76) Chrysene-d12	21.56	240	538083	20.00	ng		0.00
86) Perylene-d12	24.66	264	573433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	450495	121.44	ng		0.00
7) Phenol-d6	7.11	99	558360	106.18	ng		0.00
23) Nitrobenzene-d5	9.09	82	409222	85.92	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	314848	117.42	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1046681	80.74	ng		0.00
79) Terphenyl-d14	19.92	244	1892237	74.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	55418	35.909	ng	#	58
3) Pyridine	3.82	79	130165	28.827	ng		99
4) n-Nitrosodimethylamine	3.73	42	75621	45.407	ng		97
6) Aniline	7.25	93	134480	22.726	ng		99
8) 2-Chlorophenol	7.50	128	199378	50.853	ng		99
9) Benzaldehyde	7.07	77	116305	39.476	ng		94
10) Phenol	7.13	94	220127	45.448	ng		100
11) bis(2-Chloroethyl)ether	7.35	93	178993	45.975	ng		98
12) 1,3-Dichlorobenzene	7.82	146	190995	38.370	ng		100
13) 1,4-Dichlorobenzene	7.97	146	193911	38.912	ng		99
14) 1,2-Dichlorobenzene	8.29	146	187728	39.288	ng		99
15) Benzyl Alcohol	8.17	79	175631	52.021	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	262092	43.401	ng		99
17) 2-Methylphenol	8.38	107	171235	49.850	ng		96
18) Hexachloroethane	9.02	117	60983	36.092	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	149302	47.465	ng		97
20) 3+4-Methylphenols	8.71	107	234757	49.514	ng		96
22) Acetophenone	8.75	105	291349	43.970	ng	#	99
24) Nitrobenzene	9.13	77	212422	45.146	ng		98
25) Isophorone	9.66	82	419638	48.059	ng		100
26) 2-Nitrophenol	9.84	139	118315	47.660	ng		96
27) 2,4-Dimethylphenol	9.91	122	188045	55.074	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	250990	44.659	ng		99
29) 2,4-Dichlorophenol	10.38	162	221917	48.755	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	213534	39.539	ng		96
31) Naphthalene	10.78	128	574537	43.228	ng		99
32) Benzoic acid	10.04	122	44905	23.105	ng		99
33) 4-Chloroaniline	10.90	127	33211	5.667	ng		95
34) Hexachlorobutadiene	11.07	225	125912	35.915	ng		99
35) Caprolactam	11.65	113	70293m	41.314	ng		
36) 4-Chloro-3-methylphenol	12.02	107	222496	49.979	ng		95
37) 2-Methylnaphthalene	12.39	142	471104	44.943	ng		99
38) 1-Methylnaphthalene	12.61	142	452215	45.544	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	278694	42.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	293178	103.317 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	202228	45.920 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	221308	47.829 ng	98
46) 1,1'-Biphenyl	13.40	154	630933	45.823 ng	99
47) 2-Chloronaphthalene	13.44	162	495502	42.445 ng	98
48) 2-Nitroaniline	13.63	65	145571	44.907 ng	98
49) Acenaphthylene	14.29	152	820387	46.327 ng	99
50) Dimethylphthalate	14.02	163	688578	44.974 ng	99
51) 2,6-Dinitrotoluene	14.13	165	161460	47.841 ng	97
52) Acenaphthene	14.63	154	492667	44.895 ng	99
53) 3-Nitroaniline	14.46	138	71488	19.555 ng	99
54) 2,4-Dinitrophenol	14.67	184	191392	97.153 ng	97
55) Dibenzofuran	14.96	168	799120	45.376 ng	99
56) 4-Nitrophenol	14.79	139	252226	93.747 ng	97
57) 2,4-Dinitrotoluene	14.93	165	230027	47.800 ng	98
58) Fluorene	15.61	166	677045	45.805 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	218854	48.707 ng	99
60) Diethylphthalate	15.39	149	689636	46.199 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	363761	44.686 ng	97
62) 4-Nitroaniline	15.63	138	162978	42.251 ng	100
63) Azobenzene	15.90	77	567923	46.770 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	146594	51.298 ng	100
66) n-Nitrosodiphenylamine	15.82	169	623391	45.768 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	259083	43.984 ng	96
68) Hexachlorobenzene	16.63	284	280164	42.947 ng	97
69) Atrazine	16.77	200	240438	43.271 ng	99
70) Pentachlorophenol	16.97	266	348519	102.254 ng	97
71) Phenanthrene	17.35	178	1151795	45.008 ng	99
72) Anthracene	17.44	178	1176838	46.609 ng	98
73) Carbazole	17.71	167	1114219	46.739 ng	99
74) Di-n-butylphthalate	18.28	149	1250751	45.627 ng	99
75) Fluoranthene	19.36	202	1513903	45.969 ng	100
77) Benzidine	19.53	184	144010	11.518 ng	98
78) Pyrene	19.72	202	1532844	44.736 ng	99
80) Butylbenzylphthalate	20.61	149	601547	45.009 ng	96
81) Benzo(a)anthracene	21.54	228	1501610	44.773 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	298156	23.955 ng	99
83) Chrysene	21.60	228	1431801	44.381 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	834985	45.780 ng	100
85) Di-n-octyl phthalate	22.63	149	1450463	46.444 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1841441	44.711 ng	99
88) Benzo(b)fluoranthene	23.68	252	1579509	44.113 ng	98
89) Benzo(k)fluoranthene	23.75	252	1494773	43.196 ng	98
90) Benzo(a)pyrene	24.52	252	1439718	43.086 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1502572	45.210 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1545603	46.571 ng	98

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

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