Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046643.D
Acq On : 16 Sep 2020 16:40
Operator : CG/JU
Sample : PB131657BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 17:41:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB131657BS

Manual Integrations APPROVED
mohammad
9/18/2020 11:27:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69502	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	303528	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	201804	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	408468	20.00	ng	0.00
76) Chrysene-d12	21.55	240	435588	20.00	ng	0.00
86) Perylene-d12	24.64	264	438181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	407863	103.94	ng	0.00
7) Phenol-d6	7.10	99	565646	101.68	ng	0.00
23) Nitrobenzene-d5	9.08	82	342771	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	220910	80.79	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	944769	71.47	ng	0.00
79) Terphenyl-d14	19.91	244	1297107	63.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	33774	20.688	ng	99
3) Pyridine	3.80	79	120075	25.139	ng	99
4) n-Nitrosodimethylamine	3.71	42	56486	32.064	ng	98
6) Aniline	7.25	93	215779	34.471	ng	99
8) 2-Chlorophenol	7.49	128	179459	43.271	ng	98
9) Benzaldehyde	7.06	77	45683	14.658	ng	98
10) Phenol	7.12	94	229087	44.713	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	155130	37.668	ng	99
12) 1,3-Dichlorobenzene	7.81	146	170436	32.368	ng	99
13) 1,4-Dichlorobenzene	7.96	146	171588	32.550	ng	98
14) 1,2-Dichlorobenzene	8.27	146	172330	34.094	ng	99
15) Benzyl Alcohol	8.16	79	155295	43.483	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	233965	36.625	ng	99
17) 2-Methylphenol	8.37	107	165783	45.625	ng	98
18) Hexachloroethane	9.00	117	57608	32.231	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	135815	40.817	ng	99
20) 3+4-Methylphenols	8.70	107	228464	45.553	ng	98
22) Acetophenone	8.74	105	256380	34.700	ng	100
24) Nitrobenzene	9.12	77	189689	36.155	ng	99
25) Isophorone	9.64	82	375454	38.562	ng	98
26) 2-Nitrophenol	9.83	139	105755	38.205	ng	97
27) 2,4-Dimethylphenol	9.90	122	182405	47.910	ng	96
28) bis(2-Chloroethoxy)methane	10.12	93	236915	37.805	ng	100
29) 2,4-Dichlorophenol	10.37	162	209177	41.214	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	203357	33.769	ng	99
31) Naphthalene	10.76	128	539147	36.379	ng	99
32) Benzoic acid	10.05	122	40415	19.843	ng	98
33) 4-Chloroaniline	10.88	127	173379	26.531	ng	98
34) Hexachlorobutadiene	11.06	225	125964	32.222	ng	96
35) Caprolactam	11.65	113	59707m	31.471	ng	
36) 4-Chloro-3-methylphenol	12.01	107	196736	39.632	ng	95
37) 2-Methylnaphthalene	12.37	142	440336	37.673	ng	100
38) 1-Methylnaphthalene	12.59	142	414129	37.405	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	260271	39.111	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	267109	92.309 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	172580	38.429 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	184721	39.149 ng	99
46) 1,1'-Biphenyl	13.39	154	578998	41.238 ng	99
47) 2-Chloronaphthalene	13.43	162	448615	37.685 ng	99
48) 2-Nitroaniline	13.63	65	115556	34.958 ng	97
49) Acenaphthylene	14.27	152	704111	38.992 ng	99
50) Dimethylphthalate	14.01	163	560061	35.872 ng	100
51) 2,6-Dinitrotoluene	14.13	165	126466	36.747 ng	99
52) Acenaphthene	14.62	154	475170m	42.463 ng	
53) 3-Nitroaniline	14.45	138	94991	25.481 ng	96
54) 2,4-Dinitrophenol	14.67	184	106870	53.199 ng	97
55) Dibenzofuran	14.95	168	683510	38.061 ng	100
56) 4-Nitrophenol	14.78	139	170657	62.202 ng	98
57) 2,4-Dinitrotoluene	14.92	165	168445	34.326 ng	99
58) Fluorene	15.60	166	554635	36.798 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	159545	34.821 ng	98
60) Diethylphthalate	15.37	149	522214	34.306 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	300321	36.179 ng	96
62) 4-Nitroaniline	15.62	138	117099	29.770 ng	99
63) Azobenzene	15.89	77	451608	36.472 ng	97
65) 4,6-Dinitro-2-methylphenol	15.68	198	94183	40.737 ng	96
66) n-Nitrosodiphenylamine	15.81	169	480522	43.606 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	199002	41.759 ng	97
68) Hexachlorobenzene	16.61	284	208888	39.579 ng	99
69) Atrazine	16.76	200	137235	30.527 ng	98
70) Pentachlorophenol	16.96	266	181447	65.802 ng	98
71) Phenanthrene	17.34	178	826145	39.903 ng	99
72) Anthracene	17.43	178	848829	41.554 ng	100
73) Carbazole	17.70	167	766425	39.739 ng	99
74) Di-n-butylphthalate	18.26	149	839273	37.843 ng	99
75) Fluoranthene	19.35	202	1040577	39.055 ng	99
77) Benzidine	19.52	184	365128	36.074 ng	99
78) Pyrene	19.71	202	1048999	37.818 ng	98
80) Butylbenzylphthalate	20.60	149	401710	37.129 ng	98
81) Benzo(a)anthracene	21.52	228	1038612	38.254 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	300728	29.847 ng	99
83) Chrysene	21.59	228	1003125	38.410 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	578054	39.151 ng	98
85) Di-n-octyl phthalate	22.61	149	996874	39.431 ng	99
87) Indeno(1,2,3-cd)pyrene	28.14	276	1243010	39.497 ng	100
88) Benzo(b)fluoranthene	23.66	252	1076296	39.337 ng	99
89) Benzo(k)fluoranthene	23.73	252	1065370	40.290 ng	100
90) Benzo(a)pyrene	24.49	252	987709	38.683 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1047599	41.250 ng	99
92) Benzo(g,h,i)perylene	29.24	276	1042926	41.124 ng	99

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

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