Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046622.D
Acq On : 15 Sep 2020 13:19
Operator : CG/JU
Sample : PB131588BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131588BSD

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:09 AM

Quant Time: Sep 15 14:52:48 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	52350	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	232896	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187732	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	473134	20.00	ng	0.00
76) Chrysene-d12	21.55	240	470075	20.00	ng	0.00
86) Perylene-d12	24.64	264	467535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	330553	111.84	ng	0.00
7) Phenol-d6	7.09	99	464740	110.92	ng	0.00
23) Nitrobenzene-d5	9.07	82	283291	69.52	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	259540	102.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	842540	68.51	ng	0.00
79) Terphenyl-d14	19.92	244	1472609	66.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	61418	49.947	ng	98
3) Pyridine	3.80	79	88306	24.545	ng	94
4) n-Nitrosodimethylamine	3.72	42	49583	37.367	ng	98
6) Aniline	7.25	93	189742	40.243	ng	99
8) 2-Chlorophenol	7.49	128	145065	46.438	ng	99
9) Benzaldehyde	7.06	77	86777	36.966	ng	95
10) Phenol	7.12	94	185742	48.130	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	125069	40.319	ng	100
12) 1,3-Dichlorobenzene	7.81	146	143126	36.087	ng	100
13) 1,4-Dichlorobenzene	7.95	146	147502	37.149	ng	97
14) 1,2-Dichlorobenzene	8.28	146	143182	37.608	ng	98
15) Benzyl Alcohol	8.16	79	124953	46.451	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	183512	38.140	ng	99
17) 2-Methylphenol	8.37	107	132691	48.483	ng	97
18) Hexachloroethane	9.00	117	47786	35.495	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	108841	43.428	ng	99
20) 3+4-Methylphenols	8.70	107	185831	49.193	ng	99
22) Acetophenone	8.74	105	212010	37.397	ng	99
24) Nitrobenzene	9.12	77	153866	38.221	ng	97
25) Isophorone	9.64	82	320244	42.867	ng	99
26) 2-Nitrophenol	9.83	139	86175	40.573	ng	97
27) 2,4-Dimethylphenol	9.90	122	149962	51.334	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	190438	39.605	ng	99
29) 2,4-Dichlorophenol	10.37	162	174203	44.732	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	164746	35.654	ng	100
31) Naphthalene	10.77	128	445379	39.166	ng	99
32) Benzoic acid	10.06	122	50913	28.339	ng	97
33) 4-Chloroaniline	10.88	127	171067	34.116	ng	98
34) Hexachlorobutadiene	11.06	225	99778	33.265	ng	97
35) Caprolactam	11.65	113	68506m	47.060	ng	
36) 4-Chloro-3-methylphenol	12.01	107	184970	48.563	ng	96
37) 2-Methylnaphthalene	12.38	142	380643	42.443	ng	98
38) 1-Methylnaphthalene	12.59	142	360900	42.483	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	222268	35.903	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	226505	84.144 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	160933	38.522 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	180232	41.061 ng	99
46) 1,1'-Biphenyl	13.39	154	511629	39.171 ng	99
47) 2-Chloronaphthalene	13.43	162	399902	36.111 ng	99
48) 2-Nitroaniline	13.63	65	121252	39.431 ng	96
49) Acenaphthylene	14.27	152	683273	40.674 ng	98
50) Dimethylphthalate	14.01	163	585130	40.287 ng	99
51) 2,6-Dinitrotoluene	14.13	165	135691	42.383 ng	95
52) Acenaphthene	14.62	154	489795m	47.051 ng	
53) 3-Nitroaniline	14.46	138	109864	31.680 ng	100
54) 2,4-Dinitrophenol	14.67	184	161622	86.485 ng	98
55) Dibenzofuran	14.96	168	675610	40.441 ng	99
56) 4-Nitrophenol	14.78	139	215787	84.547 ng	98
57) 2,4-Dinitrotoluene	14.92	165	192118	42.084 ng	99
58) Fluorene	15.60	166	569585	40.622 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	183142	42.967 ng	99
60) Diethylphthalate	15.37	149	581583	41.070 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	305218	39.525 ng	97
62) 4-Nitroaniline	15.62	138	140392	38.367 ng	99
63) Azobenzene	15.89	77	478665	41.555 ng	96
65) 4,6-Dinitro-2-methylphenol	15.69	198	122847	45.873 ng	98
66) n-Nitrosodiphenylamine	15.81	169	528103	41.374 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	225501	40.852 ng	97
68) Hexachlorobenzene	16.61	284	235031	38.446 ng	99
69) Atrazine	16.76	200	197024	37.837 ng	99
70) Pentachlorophenol	16.96	266	254979	79.830 ng	97
71) Phenanthrene	17.34	178	958508	39.968 ng	99
72) Anthracene	17.43	178	983793	41.578 ng	100
73) Carbazole	17.70	167	891255	39.895 ng	99
74) Di-n-butylphthalate	18.26	149	999912	38.924 ng	100
75) Fluoranthene	19.35	202	1205259	39.053 ng	100
77) Benzidine	19.53	184	642170	58.790 ng	98
78) Pyrene	19.72	202	1197748	40.013 ng	99
80) Butylbenzylphthalate	20.60	149	447709	38.345 ng	100
81) Benzo(a)anthracene	21.52	228	1159444	39.572 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	358852	33.003 ng	98
83) Chrysene	21.59	228	1109547	39.368 ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	630407	39.564 ng	99
85) Di-n-octyl phthalate	22.61	149	1099710	40.307 ng	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1376075	40.980 ng	100
88) Benzo(b)fluoranthene	23.66	252	1203699	41.232 ng	98
89) Benzo(k)fluoranthene	23.73	252	1153016	40.867 ng	100
90) Benzo(a)pyrene	24.50	252	1098457	40.319 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1137890	41.992 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1161741	42.933 ng	98

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

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