Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
Data File : BG046621.D
Acq On : 15 Sep 2020 12:32
Operator : CG/JU
Sample : PB131588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131588BS

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:07 AM

Quant Time: Sep 15 13:33:59 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	51888	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	226473	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	179533	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	460894	20.00	ng	0.00
76) Chrysene-d12	21.55	240	468326	20.00	ng	0.00
86) Perylene-d12	24.64	264	465747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	325368	111.06	ng	0.00
7) Phenol-d6	7.10	99	451133	108.63	ng	0.00
23) Nitrobenzene-d5	9.08	82	274838	69.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	246655	101.40	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	810462	68.91	ng	0.00
79) Terphenyl-d14	19.91	244	1466958	66.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	60970	50.025	ng	97
3) Pyridine	3.80	79	85369	23.940	ng	95
4) n-Nitrosodimethylamine	3.71	42	47256	35.930	ng	92
6) Aniline	7.24	93	187694	40.163	ng	100
8) 2-Chlorophenol	7.49	128	140269	45.302	ng	96
9) Benzaldehyde	7.06	77	85741	36.850	ng	97
10) Phenol	7.12	94	182112	47.610	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	122288	39.773	ng	100
12) 1,3-Dichlorobenzene	7.81	146	142454	36.238	ng	99
13) 1,4-Dichlorobenzene	7.96	146	146585	37.246	ng	99
14) 1,2-Dichlorobenzene	8.27	146	145517	38.562	ng	98
15) Benzyl Alcohol	8.16	79	121986	45.751	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	180253	37.796	ng	98
17) 2-Methylphenol	8.37	107	130840	48.232	ng	96
18) Hexachloroethane	9.00	117	46958	35.191	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	107582	43.308	ng	99
20) 3+4-Methylphenols	8.70	107	178909	47.782	ng	99
22) Acetophenone	8.74	105	207509	37.641	ng	99
24) Nitrobenzene	9.12	77	150498	38.445	ng	97
25) Isophorone	9.64	82	306052	42.129	ng	99
26) 2-Nitrophenol	9.83	139	82842	40.109	ng	96
27) 2,4-Dimethylphenol	9.90	122	146614	51.611	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	182948	39.126	ng	99
29) 2,4-Dichlorophenol	10.37	162	168281	44.437	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	161555	35.955	ng	99
31) Naphthalene	10.77	128	432827	39.142	ng	99
32) Benzoic acid	10.05	122	46618	27.121	ng	97
33) 4-Chloroaniline	10.88	127	173270	35.535	ng	98
34) Hexachlorobutadiene	11.06	225	98448	33.752	ng	99
35) Caprolactam	11.65	113	65707m	46.418	ng	
36) 4-Chloro-3-methylphenol	12.01	107	174935	47.231	ng	97
37) 2-Methylnaphthalene	12.38	142	369056	42.318	ng	98
38) 1-Methylnaphthalene	12.60	142	346965	42.001	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	215798	36.450	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	217867	84.632	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	155561	38.937	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	171022	40.742	ng	97
46) 1,1'-Biphenyl	13.38	154	495168	39.642	ng	100
47) 2-Chloronaphthalene	13.43	162	383521	36.213	ng	99
48) 2-Nitroaniline	13.62	65	114419	38.908	ng	99
49) Acenaphthylene	14.27	152	656281	40.852	ng	99
50) Dimethylphthalate	14.01	163	559532	40.284	ng	98
51) 2,6-Dinitrotoluene	14.12	165	127783	41.736	ng	99
52) Acenaphthene	14.62	154	387713	38.946	ng	99
53) 3-Nitroaniline	14.45	138	106962	32.251	ng	99
54) 2,4-Dinitrophenol	14.67	184	153123	85.679	ng	95
55) Dibenzofuran	14.95	168	651153	40.757	ng	99
56) 4-Nitrophenol	14.78	139	209572	85.862	ng	99
57) 2,4-Dinitrotoluene	14.92	165	185950	42.594	ng	99
58) Fluorene	15.60	166	548476	40.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	175066	42.948	ng	98
60) Diethylphthalate	15.38	149	557607	41.176	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	294304	39.852	ng	98
62) 4-Nitroaniline	15.62	138	136782	39.087	ng	99
63) Azobenzene	15.89	77	458453	41.618	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	120786	46.301	ng	98
66) n-Nitrosodiphenylamine	15.81	169	507278	40.798	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	213284	39.665	ng	98
68) Hexachlorobenzene	16.62	284	225092	37.798	ng	97
69) Atrazine	16.76	200	192893	38.028	ng	99
70) Pentachlorophenol	16.96	266	251742	80.909	ng	97
71) Phenanthrene	17.34	178	941989	40.323	ng	99
72) Anthracene	17.43	178	955364	41.449	ng	99
73) Carbazole	17.70	167	880095	40.442	ng	99
74) Di-n-butylphthalate	18.26	149	989668	39.549	ng	100
75) Fluoranthene	19.35	202	1197044	39.817	ng	100
77) Benzidine	19.53	184	653883	60.086	ng	99
78) Pyrene	19.71	202	1191439	39.951	ng	100
80) Butylbenzylphthalate	20.60	149	444229	38.189	ng	98
81) Benzo(a)anthracene	21.53	228	1154477	39.550	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	352952	32.582	ng	99
83) Chrysene	21.59	228	1112038	39.604	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	631474	39.779	ng	99
85) Di-n-octyl phthalate	22.61	149	1092659	40.198	ng	99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1389004	41.524	ng	100
88) Benzo(b)fluoranthene	23.67	252	1180965	40.608	ng	99
89) Benzo(k)fluoranthene	23.73	252	1170315	41.639	ng	100
90) Benzo(a)pyrene	24.50	252	1099134	40.499	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1142378	42.320	ng	99
92) Benzo(g,h,i)perylene	29.24	276	1173847	43.547	ng	99

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

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