Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046605.D
Acq On : 14 Sep 2020 16:10
Operator : CG/JU
Sample : PB131580BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131580BS

Manual Integrations APPROVED
mohammad
9/15/2020 11:18:16 AM

Quant Time: Sep 14 17:25:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61730	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	255959	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	184554	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	448225	20.00	ng	0.00
76) Chrysene-d12	21.55	240	457551	20.00	ng	0.00
86) Perylene-d12	24.65	264	431905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	392435	112.60	ng	0.00
7) Phenol-d6	7.10	99	527039	106.67	ng	0.00
23) Nitrobenzene-d5	9.08	82	407568	91.01	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	236939	94.75	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1098331	90.85	ng	0.00
79) Terphenyl-d14	19.91	244	1553001	72.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	52597	36.274	ng	96
3) Pyridine	3.81	79	118940	28.036	ng	97
4) n-Nitrosodimethylamine	3.72	42	59567	38.070	ng	94
6) Aniline	7.25	93	177493	31.925	ng	98
8) 2-Chlorophenol	7.50	128	154484	41.939	ng	97
9) Benzaldehyde	7.06	77	82187	29.691	ng	94
10) Phenol	7.13	94	194734	42.793	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	142389	38.927	ng	100
12) 1,3-Dichlorobenzene	7.81	146	172340	36.851	ng	99
13) 1,4-Dichlorobenzene	7.96	146	174135	37.192	ng	98
14) 1,2-Dichlorobenzene	8.28	146	164149	36.564	ng	99
15) Benzyl Alcohol	8.16	79	127988	40.349	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	211231	37.230	ng	100
17) 2-Methylphenol	8.37	107	137677	42.661	ng	99
18) Hexachloroethane	9.01	117	58264	36.702	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	112609	38.104	ng	98
20) 3+4-Methylphenols	8.70	107	188451	42.306	ng	96
22) Acetophenone	8.74	105	222183	35.660	ng	99
24) Nitrobenzene	9.12	77	164538	37.189	ng	99
25) Isophorone	9.65	82	314168	38.265	ng	99
26) 2-Nitrophenol	9.84	139	89729	38.439	ng	98
27) 2,4-Dimethylphenol	9.90	122	149705	46.629	ng	94
28) bis(2-Chloroethoxy)methane	10.13	93	195343	36.964	ng	100
29) 2,4-Dichlorophenol	10.38	162	172121	40.215	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	182289	35.896	ng	99
31) Naphthalene	10.77	128	468279	37.470	ng	99
32) Benzoic acid	10.05	122	44334	23.930	ng	98
33) 4-Chloroaniline	10.88	127	140318	25.462	ng	98
34) Hexachlorobutadiene	11.06	225	114361	34.691	ng	99
35) Caprolactam	11.65	113	57713m	36.074	ng	
36) 4-Chloro-3-methylphenol	12.01	107	167271	39.959	ng	97
37) 2-Methylnaphthalene	12.38	142	378165	38.367	ng	100
38) 1-Methylnaphthalene	12.60	142	355521	38.079	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	223769	36.768	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	223354	84.403 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	150057	36.537 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	159638	36.996 ng	98
46) 1,1'-Biphenyl	13.39	154	494983	38.549 ng	99
47) 2-Chloronaphthalene	13.43	162	386691	35.519 ng	100
48) 2-Nitroaniline	13.63	65	105506	34.901 ng	100
49) Acenaphthylene	14.28	152	630179	38.160 ng	99
50) Dimethylphthalate	14.01	163	506396	35.467 ng	99
51) 2,6-Dinitrotoluene	14.12	165	115364	36.654 ng	98
52) Acenaphthene	14.62	154	372338	36.384 ng	99
53) 3-Nitroaniline	14.45	138	87967	25.802 ng	98
54) 2,4-Dinitrophenol	14.67	184	127200	69.238 ng	99
55) Dibenzofuran	14.95	168	611026	37.205 ng	98
56) 4-Nitrophenol	14.78	139	181415	72.304 ng	98
57) 2,4-Dinitrotoluene	14.92	165	163552	36.444 ng	98
58) Fluorene	15.61	166	504751	36.618 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	159658	38.102 ng	98
60) Diethylphthalate	15.38	149	498380	35.801 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	275760	36.325 ng	98
62) 4-Nitroaniline	15.62	138	118818	33.030 ng	99
63) Azobenzene	15.89	77	421448	37.218 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	102908	40.563 ng	97
66) n-Nitrosodiphenylamine	15.81	169	463237	38.309 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	193457	36.995 ng	98
68) Hexachlorobenzene	16.62	284	203120	35.072 ng	99
69) Atrazine	16.76	200	170172	34.496 ng	99
70) Pentachlorophenol	16.96	266	220690	72.934 ng	99
71) Phenanthrene	17.34	178	831365	36.593 ng	100
72) Anthracene	17.43	178	860391	38.384 ng	99
73) Carbazole	17.70	167	786899	37.181 ng	99
74) Di-n-butylphthalate	18.27	149	886446	36.425 ng	99
75) Fluoranthene	19.35	202	1073655	36.722 ng	99
77) Benzidine	19.53	184	355713	33.457 ng	98
78) Pyrene	19.71	202	1083783	37.197 ng	98
80) Butylbenzylphthalate	20.61	149	406180	35.740 ng	99
81) Benzo(a)anthracene	21.53	228	1038062	36.399 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	294450	27.821 ng	98
83) Chrysene	21.59	228	995076	36.273 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	572725	36.928 ng	98
85) Di-n-octyl phthalate	22.62	149	994882	37.463 ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1200777	38.709 ng	99
88) Benzo(b)fluoranthene	23.67	252	1064230	39.462 ng	99
89) Benzo(k)fluoranthene	23.74	252	1020462	39.152 ng	99
90) Benzo(a)pyrene	24.50	252	971945	38.619 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	989662	39.535 ng	99
92) Benzo(g,h,i)perylene	29.24	276	1007708	40.313 ng	99

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

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