Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
Data File : BG046664.D
Acq On : 17 Sep 2020 17:09
Operator : CG/JU
Sample : PB131690BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131690BS

Manual Integrations APPROVED
mohammad
9/21/2020 10:31:56 AM

Quant Time: Sep 17 17:47:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	54995	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	239861	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	178682	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	444160	20.00	ng		0.00
76) Chrysene-d12	21.55	240	441914	20.00	ng		0.00
86) Perylene-d12	24.64	264	433105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	334249	107.65	ng		0.00
7) Phenol-d6	7.10	99	452770	102.86	ng		0.00
23) Nitrobenzene-d5	9.08	82	282470	67.31	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	230819	95.34	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	791554	67.63	ng		0.00
79) Terphenyl-d14	19.91	244	1346163	64.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	58263	45.103	ng		96
3) Pyridine	3.80	79	84138	22.261	ng		97
4) n-Nitrosodimethylamine	3.71	42	50866	36.490	ng		98
6) Aniline	7.24	93	188486	38.054	ng		97
8) 2-Chlorophenol	7.49	128	141183	43.021	ng		98
9) Benzaldehyde	7.06	77	87696	35.561	ng		96
10) Phenol	7.12	94	182406	44.993	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	127509	39.128	ng		98
12) 1,3-Dichlorobenzene	7.81	146	144014	34.565	ng		97
13) 1,4-Dichlorobenzene	7.96	146	147680	35.405	ng		99
14) 1,2-Dichlorobenzene	8.27	146	146353	36.592	ng		97
15) Benzyl Alcohol	8.16	79	125436	44.387	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	188701	37.332	ng		99
17) 2-Methylphenol	8.37	107	130778	45.486	ng		99
18) Hexachloroethane	9.00	117	47808	33.803	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	108477	41.201	ng		99
20) 3+4-Methylphenols	8.70	107	179525	45.238	ng		99
22) Acetophenone	8.74	105	207718	35.576	ng	#	98
24) Nitrobenzene	9.12	77	151872	36.630	ng		98
25) Isophorone	9.64	82	308935	40.152	ng		99
26) 2-Nitrophenol	9.83	139	85692	39.174	ng		96
27) 2,4-Dimethylphenol	9.89	122	144129	47.905	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	184638	37.284	ng		99
29) 2,4-Dichlorophenol	10.38	162	163914	40.868	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	162769	34.204	ng		100
31) Naphthalene	10.77	128	434187	37.073	ng		99
32) Benzoic acid	10.06	122	48658	26.834	ng		96
33) 4-Chloroaniline	10.88	127	154615	29.939	ng		99
34) Hexachlorobutadiene	11.06	225	99877	32.331	ng		100
35) Caprolactam	11.64	113	61790m	41.214	ng		
36) 4-Chloro-3-methylphenol	12.01	107	170409	43.441	ng		99
37) 2-Methylnaphthalene	12.38	142	363606	39.366	ng		100
38) 1-Methylnaphthalene	12.60	142	344142	39.334	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	212701	36.098	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	208575	81.408 ng	97
43) 2,4,6-Trichlorophenol	12.99	196	148513	37.350 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	164176	39.298 ng	98
46) 1,1'-Biphenyl	13.38	154	483782	38.915 ng	98
47) 2-Chloronaphthalene	13.43	162	375767	35.650 ng	99
48) 2-Nitroaniline	13.63	65	111891	38.229 ng	99
49) Acenaphthylene	14.28	152	624126	39.035 ng	99
50) Dimethylphthalate	14.01	163	529639	38.314 ng	99
51) 2,6-Dinitrotoluene	14.12	165	120779	39.636 ng	98
52) Acenaphthene	14.62	154	371142	37.459 ng	100
53) 3-Nitroaniline	14.45	138	97980	29.684 ng	99
54) 2,4-Dinitrophenol	14.67	184	144646	81.322 ng	96
55) Dibenzofuran	14.95	168	618270	38.883 ng	99
56) 4-Nitrophenol	14.78	139	191717	78.921 ng	97
57) 2,4-Dinitrotoluene	14.92	165	173402	39.908 ng	98
58) Fluorene	15.61	166	513438	38.473 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	159877	39.409 ng	98
60) Diethylphthalate	15.38	149	524153	38.889 ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	278499	37.892 ng	99
62) 4-Nitroaniline	15.62	138	124580	35.770 ng	99
63) Azobenzene	15.89	77	435329	39.707 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	109877	43.707 ng	97
66) n-Nitrosodiphenylamine	15.81	169	474264	39.580 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	195363	37.701 ng	98
68) Hexachlorobenzene	16.62	284	208557	36.341 ng	98
69) Atrazine	16.76	200	175302	35.862 ng	99
70) Pentachlorophenol	16.96	266	231152	77.091 ng	97
71) Phenanthrene	17.34	178	859610	38.183 ng	98
72) Anthracene	17.43	178	876878	39.477 ng	99
73) Carbazole	17.70	167	806639	38.463 ng	100
74) Di-n-butylphthalate	18.26	149	902544	37.426 ng	99
75) Fluoranthene	19.35	202	1081479	37.328 ng	100
77) Benzidine	19.53	184	537692	52.362 ng	100
78) Pyrene	19.71	202	1076988	38.272 ng	100
80) Butylbenzylphthalate	20.60	149	411215	37.463 ng	99
81) Benzo(a)anthracene	21.53	228	1052628	38.216 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	332821	32.560 ng	98
83) Chrysene	21.59	228	1006438	37.985 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	571731	38.168 ng	100
85) Di-n-octyl phthalate	22.61	149	998533	38.931 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1228094	39.480 ng	99
88) Benzo(b)fluoranthene	23.67	252	1060839	39.227 ng	99
89) Benzo(k)fluoranthene	23.73	252	1042069	39.870 ng	99
90) Benzo(a)pyrene	24.50	252	982357	38.924 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1015499	40.455 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1037882	41.405 ng	99

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

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