Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045741.D
Acq On : 12 Jun 2020 15:19
Operator : CG/JU
Sample : PB129468BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:11 AM

Quant Time: Jun 12 17:21:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	61429	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	238762	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	168282	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	383342	20.00	ng		0.00
76) Chrysene-d12	21.60	240	347439	20.00	ng		0.00
87) Perylene-d12	24.74	264	364973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	478008	152.07	ng		0.03
7) Phenol-d6	7.19	99	662604	148.11	ng		0.04
23) Nitrobenzene-d5	9.11	82	429432	98.08	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	304398	141.44	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	942871	95.04	ng		0.00
79) Terphenyl-d14	19.96	244	1503447	100.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	57702	37.019	ng	#	95
3) Pyridine	3.80	79	170760	39.335	ng		97
4) n-Nitrosodimethylamine	3.72	42	70402	49.560	ng		86
6) Aniline	7.28	93	229805	39.349	ng		98
8) 2-Chlorophenol	7.54	128	180358	52.323	ng		98
9) Benzaldehyde	7.08	77	128750	44.171	ng		99
10) Phenol	7.21	94	237188	51.441	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	168290	46.793	ng		98
12) 1,3-Dichlorobenzene	7.84	146	191395	46.205	ng		99
13) 1,4-Dichlorobenzene	7.98	146	191086	46.744	ng		97
14) 1,2-Dichlorobenzene	8.30	146	182722	46.473	ng		96
15) Benzyl Alcohol	8.21	79	182475	49.374	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.47	45	160081	46.891	ng		94
17) 2-Methylphenol	8.44	107	163779	47.455	ng		94
18) Hexachloroethane	9.03	117	73778	47.123	ng		89
19) n-Nitroso-di-n-propylamine	8.75	70	153573	49.640	ng		95
20) 3+4-Methylphenols	8.77	107	209479	44.573	ng	#	45
22) Acetophenone	8.77	105	272311	48.121	ng	#	92
24) Nitrobenzene	9.15	77	229601	48.945	ng		96
25) Isophorone	9.68	82	409345	47.473	ng		98
26) 2-Nitrophenol	9.86	139	101673	50.666	ng		98
27) 2,4-Dimethylphenol	9.96	122	161886	54.391	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	229484	50.747	ng		96
29) 2,4-Dichlorophenol	10.44	162	180165	51.261	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	202384	48.731	ng		97
31) Naphthalene	10.80	128	540896	48.615	ng		99
32) Benzoic acid	10.16	122	88934	44.783	ng		94
33) 4-Chloroaniline	10.93	127	146107	31.416	ng		97
34) Hexachlorobutadiene	11.09	225	136818	46.605	ng		99
35) Caprolactam	11.70	113	60777	47.112	ng		87
36) 4-Chloro-3-methylphenol	12.10	107	209730	52.956	ng		94
37) 2-Methylnaphthalene	12.41	142	406122	48.973	ng		95
38) 1-Methylnaphthalene	12.63	142	390426m	49.840	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	224890	47.845	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	266324	98.167	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	161353	49.416	ng		100
44) 2,4,5-Trichlorophenol	13.14	196	171618	45.995	ng		98
46) 1,1'-Biphenyl	13.42	154	513808	49.690	ng		98
47) 2-Chloronaphthalene	13.47	162	400474	47.695	ng		99
48) 2-Nitroaniline	13.68	65	136964	49.588	ng		96
49) Acenaphthylene	14.31	152	649395	48.149	ng		99
50) Dimethylphthalate	14.05	163	542973	47.035	ng		99
51) 2,6-Dinitrotoluene	14.17	165	125168	48.051	ng		98
52) Acenaphthene	14.66	154	385699	42.723	ng		97
53) 3-Nitroaniline	14.52	138	93290	35.230	ng		96
54) 2,4-Dinitrophenol	14.72	184	108071	64.470	ng		96
55) Dibenzofuran	14.99	168	634586	47.334	ng		96
56) 4-Nitrophenol	14.90	139	159564	79.591	ng		90
57) 2,4-Dinitrotoluene	14.96	165	172764	45.794	ng		96
58) Fluorene	15.64	166	537949	48.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162914	49.629	ng		99
60) Diethylphthalate	15.42	149	563486	46.897	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	294462	46.719	ng		97
62) 4-Nitroaniline	15.69	138	109849	39.737	ng		95
63) Azobenzene	15.93	77	543852	48.542	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103916	46.545	ng		93
66) n-Nitrosodiphenylamine	15.86	169	466456	50.680	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	202003	48.664	ng		99
68) Hexachlorobenzene	16.66	284	221474	51.012	ng		99
69) Atrazine	16.81	200	176629	46.591	ng		98
70) Pentachlorophenol	17.01	266	210387	93.326	ng		96
71) Phenanthrene	17.38	178	839534	50.166	ng		100
72) Anthracene	17.48	178	855600	50.911	ng		98
73) Carbazole	17.75	167	772714	47.170	ng		100
74) Di-n-butylphthalate	18.31	149	937013	47.656	ng		99
75) Fluoranthene	19.39	202	1015461	47.706	ng		100
77) Benzidine	19.58	184	418666	42.905	ng		99
78) Pyrene	19.76	202	992718	50.123	ng		99
80) Butylbenzylphthalate	20.64	149	409525	47.905	ng		98
81) Benzo(a)anthracene	21.58	228	940057	48.570	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	301244	39.679	ng		99
83) Chrysene	21.65	228	925595	49.736	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	572803	48.744	ng		100
85) Di-n-octyl phthalate	22.68	149	952956	47.216	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1155516	47.481	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1016163	51.914	ng		98
89) Benzo(k)fluoranthene	23.82	252	963962	52.419	ng		99
90) Benzo(a)pyrene	24.60	252	918814	50.402	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	951517	51.941	ng		97
92) Benzo(g,h,i)perylene	29.44	276	944110	51.530	ng		97

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

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