Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041372.D
Acq On : 21 Jun 2019 10:53
Operator : HP/JU
Sample : PB120612BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120612BS

Manual Integrations APPROVED
mohammad
6/25/2019 3:20:04 PM

Quant Time: Jun 21 16:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25713	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96631	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	66729	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	173477	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185059	20.00	ng	0.00
87) Perylene-d12	25.05	264	200027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	196747	140.59	ng	0.00
7) Phenol-d6	7.23	99	267161	131.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	185593	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134664	131.45	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	421500	85.85	ng	0.00
79) Terphenyl-d14	20.05	244	831624	89.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	24819	35.369	ng	95
3) Pyridine	3.87	79	67865	36.456	ng	96
4) n-Nitrosodimethylamine	3.79	42	42058	42.365	ng	94
6) Aniline	7.40	93	84920	30.118	ng	99
8) 2-Chlorophenol	7.63	128	79448	48.317	ng	97
9) Benzaldehyde	7.21	77	15417	11.883	ng	93
10) Phenol	7.26	94	101897	46.714	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	72166	43.603	ng	94
12) 1,3-Dichlorobenzene	7.96	146	89968	43.698	ng	91
13) 1,4-Dichlorobenzene	8.11	146	88039	41.862	ng	96
14) 1,2-Dichlorobenzene	8.43	146	85189	42.409	ng	96
15) Benzyl Alcohol	8.31	79	74526	38.346	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	104451	38.551	ng	100
17) 2-Methylphenol	8.51	107	71624	45.928	ng	97
18) Hexachloroethane	9.15	117	34920	41.901	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	66611	40.602	ng	98
20) 3+4-Methylphenols	8.85	107	93651	45.111	ng	96
22) Acetophenone	8.90	105	125222	44.532	ng	93
24) Nitrobenzene	9.29	77	104481	45.214	ng	97
25) Isophorone	9.81	82	185927	44.107	ng	99
26) 2-Nitrophenol	10.01	139	45432	48.494	ng	94
27) 2,4-Dimethylphenol	10.05	122	73409	52.274	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	96396	43.888	ng	97
29) 2,4-Dichlorophenol	10.54	162	89556	51.433	ng	91
30) 1,2,4-Trichlorobenzene	10.75	180	99521	44.628	ng	97
31) Naphthalene	10.95	128	241640	46.011	ng	100
32) Benzoic acid	10.21	122	42135	46.092	ng	95
33) 4-Chloroaniline	11.06	127	47125	21.128	ng	93
34) Hexachlorobutadiene	11.20	225	75088	42.420	ng	95
35) Caprolactam	11.85	113	25224m	42.079	ng	
36) 4-Chloro-3-methylphenol	12.17	107	94352	46.912	ng	93
37) 2-Methylnaphthalene	12.54	142	179177	46.323	ng	98
38) 1-Methylnaphthalene	12.76	142	168630	45.566	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	128044	46.470	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	185404	99.892	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	81540	47.837	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	89835	51.221	ng		96
46) 1,1'-Biphenyl	13.54	154	235563	46.695	ng		98
47) 2-Chloronaphthalene	13.60	162	194124	44.696	ng		100
48) 2-Nitroaniline	13.81	65	67767	42.604	ng		94
49) Acenaphthylene	14.44	152	304632	46.222	ng		99
50) Dimethylphthalate	14.16	163	259210	43.658	ng		100
51) 2,6-Dinitrotoluene	14.29	165	56723	45.309	ng		92
52) Acenaphthene	14.78	154	175736	45.409	ng		95
53) 3-Nitroaniline	14.63	138	34629	28.076	ng		99
54) 2,4-Dinitrophenol	14.84	184	78398	86.663	ng		92
55) Dibenzofuran	15.11	168	308862	45.902	ng		96
56) 4-Nitrophenol	14.94	139	84165	89.428	ng		92
57) 2,4-Dinitrotoluene	15.08	165	80926	44.221	ng		94
58) Fluorene	15.76	166	240751	45.483	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	86217	47.537	ng		98
60) Diethylphthalate	15.51	149	260496	43.166	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	151319	43.938	ng		98
62) 4-Nitroaniline	15.80	138	57336	43.463	ng		93
63) Azobenzene	16.03	77	235638	43.768	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	51737	45.948	ng		97
66) n-Nitrosodiphenylamine	15.96	169	218402	47.414	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	97216	43.340	ng		93
68) Hexachlorobenzene	16.75	284	102532	42.686	ng		96
70) Pentachlorophenol	17.10	266	120066	97.618	ng		98
71) Phenanthrene	17.50	178	421739	45.583	ng		97
72) Anthracene	17.59	178	439502	48.184	ng		99
73) Carbazole	17.87	167	387108	48.515	ng		99
74) Di-n-butylphthalate	18.39	149	465066	46.712	ng		99
75) Fluoranthene	19.51	202	584238	47.531	ng		99
77) Benzidine	19.69	184	282736	63.165	ng		98
78) Pyrene	19.87	202	589619	47.243	ng		99
80) Butylbenzylphthalate	20.73	149	220436	46.695	ng		98
81) Benzo(a)anthracene	21.72	228	565671	45.145	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	133087	30.257	ng		99
83) Chrysene	21.79	228	553502	45.934	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294548	45.785	ng		99
85) Di-n-octyl phthalate	22.81	149	511053	46.953	ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	670159	46.876	ng	#	97
88) Benzo(b)fluoranthene	24.00	252	575947	46.461	ng		98
89) Benzo(k)fluoranthene	24.07	252	550399	44.820	ng		98
90) Benzo(a)pyrene	24.90	252	557333	47.605	ng		97
91) Dibenzo(a,h)anthracene	28.94	278	556189	47.189	ng		96
92) Benzo(g,h,i)perylene	30.09	276	561001	48.163	ng		97

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

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