Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043481.D
Acq On : 4 Nov 2019 15:17
Operator : JU
Sample : PB124488BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Manual Integrations APPROVED
mohammad
11/5/2019 10:41:05 AM

Quant Time: Nov 04 15:59:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34207	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	142513	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	120554	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	293057	20.00	ng		0.00
76) Chrysene-d12	21.66	240	332630	20.00	ng		0.00
87) Perylene-d12	24.85	264	359283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	243042	130.20	ng		0.00
7) Phenol-d6	7.20	99	327237	121.84	ng		0.00
23) Nitrobenzene-d5	9.18	82	161850	58.55	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	228462	99.58	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	459776	52.70	ng		0.00
79) Terphenyl-d14	20.00	244	965569	54.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	26558	36.508	ng		95
3) Pyridine	3.87	79	63701	34.714	ng		95
4) n-Nitrosodimethylamine	3.79	42	40428	43.660	ng	#	90
6) Aniline	7.34	93	107683	34.805	ng		97
8) 2-Chlorophenol	7.58	128	96634	46.895	ng		96
9) Benzaldehyde	7.15	77	48448	36.705	ng		95
10) Phenol	7.22	94	118928	48.458	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	74814	39.428	ng		96
12) 1,3-Dichlorobenzene	7.90	146	104962	40.654	ng		95
13) 1,4-Dichlorobenzene	8.04	146	109035	41.741	ng		95
14) 1,2-Dichlorobenzene	8.36	146	101885	39.947	ng		98
15) Benzyl Alcohol	8.25	79	84171	44.624	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102957	37.315	ng		96
17) 2-Methylphenol	8.46	107	81403	45.498	ng		97
18) Hexachloroethane	9.09	117	36604	38.839	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	71442	41.165	ng		94
20) 3+4-Methylphenols	8.79	107	112470	45.843	ng		96
22) Acetophenone	8.83	105	140867	38.598	ng		99
24) Nitrobenzene	9.22	77	108308	41.130	ng		98
25) Isophorone	9.73	82	203156	40.198	ng		99
26) 2-Nitrophenol	9.93	139	55919	43.985	ng		96
27) 2,4-Dimethylphenol	10.00	122	94801	52.027	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	111631	40.020	ng		99
29) 2,4-Dichlorophenol	10.47	162	106728	45.714	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	113143	38.451	ng		96
31) Naphthalene	10.87	128	303162	41.909	ng		98
32) Benzoic acid	10.16	122	49341	37.827	ng		91
33) 4-Chloroaniline	10.99	127	82747	27.905	ng		98
34) Hexachlorobutadiene	11.15	225	78816	36.234	ng		96
35) Caprolactam	11.75	113	33738m	41.959	ng		
36) 4-Chloro-3-methylphenol	12.11	107	113567	44.595	ng		98
37) 2-Methylnaphthalene	12.47	142	234132	42.183	ng		96
38) 1-Methylnaphthalene	12.69	142	224158	42.445	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	149015	33.400	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	148692	63.444	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	100947	38.420	ng	93
44) 2,4,5-Trichlorophenol	13.17	196	108741	40.937	ng	97
46) 1,1'-Biphenyl	13.48	154	317669	34.638	ng	96
47) 2-Chloronaphthalene	13.52	162	241622	34.626	ng	99
48) 2-Nitroaniline	13.72	65	72952	34.979	ng	94
49) Acenaphthylene	14.36	152	400236	36.853	ng	99
50) Dimethylphthalate	14.09	163	330219	35.364	ng	99
51) 2,6-Dinitrotoluene	14.22	165	74646	36.797	ng	97
52) Acenaphthene	14.70	154	235384	35.541	ng	93
53) 3-Nitroaniline	14.55	138	56015	28.600	ng	100
54) 2,4-Dinitrophenol	14.76	184	86245	69.168	ng	95
55) Dibenzofuran	15.04	168	395488	36.823	ng	99
56) 4-Nitrophenol	14.89	139	112382	85.624	ng	93
57) 2,4-Dinitrotoluene	15.00	165	111239	38.370	ng	99
58) Fluorene	15.69	166	332293	36.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	107932	38.244	ng	95
60) Diethylphthalate	15.46	149	337171	35.936	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	189408	36.043	ng	99
62) 4-Nitroaniline	15.72	138	72602	35.893	ng	95
63) Azobenzene	15.97	77	275400	36.268	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70777	41.039	ng	96
66) n-Nitrosodiphenylamine	15.90	169	296338	35.817	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	134947	34.217	ng	92
68) Hexachlorobenzene	16.70	284	150684	33.285	ng	99
69) Atrazine	16.84	200	129393	45.007	ng	97
70) Pentachlorophenol	17.04	266	162665	78.855	ng	97
71) Phenanthrene	17.43	178	538546	35.887	ng	99
72) Anthracene	17.52	178	554493	36.931	ng	99
73) Carbazole	17.79	167	513004	37.730	ng	99
74) Di-n-butylphthalate	18.34	149	595544	36.099	ng	99
75) Fluoranthene	19.44	202	717646	36.682	ng	99
77) Benzidine	19.62	184	177685	26.543	ng	97
78) Pyrene	19.80	202	733848	35.642	ng	98
80) Butylbenzylphthalate	20.69	149	276192	35.407	ng	98
81) Benzo(a)anthracene	21.64	228	761952	36.570	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	267643	33.211	ng	100
83) Chrysene	21.70	228	733671	35.440	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	399164	36.023	ng	99
85) Di-n-octyl phthalate	22.74	149	696200	37.033	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	972539	37.425	ng	99
88) Benzo(b)fluoranthene	23.84	252	785486	38.601	ng	97
89) Benzo(k)fluoranthene	23.91	252	815397	39.804	ng	97
90) Benzo(a)pyrene	24.70	252	745497	38.365	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	830572	41.789	ng	99
92) Benzo(g,h,i)perylene	29.63	276	818975	41.773	ng	98

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

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