Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020601.D
Acq On : 29 May 2019 16:09
Operator : JU/SJ
Sample : PB119867BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 30 02:19:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB119867BS

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51130	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	171959	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	107689	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	244764	20.00	ng		0.00
76) Chrysene-d12	21.24	240	261677	20.00	ng		0.00
87) Perylene-d12	23.47	264	282286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	438939	168.42	ng		0.00
7) Phenol-d6	6.80	99	565372	143.72	ng		0.00
23) Nitrobenzene-d5	8.80	82	375722	91.71	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	294221	136.37	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	828658	96.56	ng		0.00
79) Terphenyl-d14	19.68	244	1361284	94.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	83873	61.498	ng		99
3) Pyridine	3.53	79	149759	37.355	ng		99
4) n-Nitrosodimethylamine	3.46	42	37032	38.288	ng	#	88
6) Aniline	6.97	93	142285	25.005	ng		100
8) 2-Chlorophenol	7.19	128	141204	44.307	ng		99
9) Benzaldehyde	6.79	77	66775m	26.589	ng		
10) Phenol	6.83	94	180030	42.382	ng		100
11) bis(2-Chloroethyl)ether	7.07	93	118478	37.375	ng		99
12) 1,3-Dichlorobenzene	7.51	146	162064	39.708	ng		98
13) 1,4-Dichlorobenzene	7.66	146	157773	38.674	ng		98
14) 1,2-Dichlorobenzene	7.97	146	158543	38.765	ng		96
15) Benzyl Alcohol	7.88	79	128920m	35.417	ng		
16) 2,2'-oxybis(1-Chloropropan	8.16	45	79873	36.152	ng		99
17) 2-Methylphenol	8.07	107	107123	38.199	ng		97
18) Hexachloroethane	8.68	117	65454	39.607	ng		92
19) n-Nitroso-di-n-propylamine	8.43	70	121266	34.717	ng		97
20) 3+4-Methylphenols	8.40	107	136859	36.390	ng		99
22) Acetophenone	8.46	105	202889	42.847	ng		98
24) Nitrobenzene	8.84	77	177318	43.825	ng		96
25) Isophorone	9.36	82	317246	41.616	ng		99
26) 2-Nitrophenol	9.55	139	61628	41.280	ng		98
27) 2,4-Dimethylphenol	9.60	122	105117	47.266	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	153009	38.558	ng		98
29) 2,4-Dichlorophenol	10.07	162	126504	42.768	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	177808	43.965	ng		97
31) Naphthalene	10.46	128	386963	43.583	ng		99
32) Benzoic acid	9.72	122	7294m	13.938	ng		
33) 4-Chloroaniline	10.60	127	61860m	17.456	ng		
34) Hexachlorobutadiene	10.72	225	138925	46.202	ng		99
35) Caprolactam	11.40	113	30619m	31.453	ng		
36) 4-Chloro-3-methylphenol	11.72	107	122212	37.968	ng		95
37) 2-Methylnaphthalene	12.09	142	277122	40.855	ng		96
38) 1-Methylnaphthalene	12.31	142	267447	40.694	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	228667	50.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	121402	57.335	ng	99
43) 2,4,6-Trichlorophenol	12.71	196	125681	44.862	ng	97
44) 2,4,5-Trichlorophenol	12.79	196	116171	44.406	ng	98
46) 1,1'-Biphenyl	13.12	154	376723	45.422	ng	99
47) 2-Chloronaphthalene	13.16	162	308389	43.863	ng	98
48) 2-Nitroaniline	13.39	65	69821	33.536	ng	87
49) Acenaphthylene	14.01	152	461476	43.161	ng	100
50) Dimethylphthalate	13.75	163	390839	40.974	ng	100
51) 2,6-Dinitrotoluene	13.89	165	80213	40.348	ng	91
52) Acenaphthene	14.35	154	271528	42.141	ng	99
53) 3-Nitroaniline	14.23	138	32938	22.008	ng	90
54) 2,4-Dinitrophenol	14.45	184	44093	40.329	ng	97
55) Dibenzofuran	14.69	168	473917	42.505	ng	99
56) 4-Nitrophenol	14.55	139	72913	58.150	ng	96
57) 2,4-Dinitrotoluene	14.68	165	104580	36.428	ng	88
58) Fluorene	15.34	166	368490	39.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	130195	42.769	ng	99
60) Diethylphthalate	15.12	149	364264	38.760	ng	99
61) 4-Chlorophenyl-phenylether	15.34	204	242202	40.961	ng	99
62) 4-Nitroaniline	15.40	138	47983m	28.713	ng	
63) Azobenzene	15.63	77	371615	40.636	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	43554	30.717	ng	97
66) n-Nitrosodiphenylamine	15.56	169	313232	47.197	ng	98
67) 4-Bromophenyl-phenylether	16.23	248	147460	45.224	ng	96
68) Hexachlorobenzene	16.33	284	181475	45.904	ng	98
69) Atrazine	16.52	200	120946	44.293	ng	98
70) Pentachlorophenol	16.69	266	193574	94.793	ng	99
71) Phenanthrene	17.09	178	568434	42.749	ng	99
72) Anthracene	17.17	178	541332	41.980	ng	99
73) Carbazole	17.46	167	430217	38.876	ng	99
74) Di-n-butylphthalate	18.00	149	553367	40.650	ng	99
75) Fluoranthene	19.11	202	710025	38.399	ng	100
77) Benzidine	19.32	184	250237m	52.035	ng	
78) Pyrene	19.47	202	719858	43.818	ng	100
80) Butylbenzylphthalate	20.37	149	226726	39.279	ng	98
81) Benzo(a)anthracene	21.23	228	723418	39.944	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	240251	36.344	ng	100
83) Chrysene	21.28	228	757862	43.306	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	327134	38.885	ng	98
85) Di-n-octyl phthalate	22.02	149	579598	39.630	ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	1095195	51.759	ng	99
88) Benzo(b)fluoranthene	22.80	252	871910	47.191	ng	100
89) Benzo(k)fluoranthene	22.84	252	846672	47.216	ng	98
90) Benzo(a)pyrene	23.37	252	841837	49.514	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	934459	53.693	ng	98
92) Benzo(g,h,i)perylene	26.41	276	921866	57.141	ng	99

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

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