Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114836.D
Acq On : 5 Jun 2019 23:27
Operator : HP/JU
Sample : K3189-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-8CMS

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:33 PM

Quant Time: Jun 06 07:29:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	362158	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1398963	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	714807	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1386289	20.00	ng		0.00
76) Chrysene-d12	13.80	240	626030	20.00	ng		0.00
87) Perylene-d12	15.17	264	906230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2484844	119.89	ng		0.02
7) Phenol-d6	6.32	99	3110383	123.33	ng		0.01
23) Nitrobenzene-d5	7.23	82	1993529	87.72	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	919564	119.37	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3231646	84.69	ng		0.00
79) Terphenyl-d14	12.76	244	3201281	99.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	346745	35.040	ng		99
3) Pyridine	3.01	79	955398	35.131	ng		99
4) n-Nitrosodimethylamine	2.94	42	417594	41.956	ng		94
6) Aniline	6.33	93	943559	26.367	ng	#	1
8) 2-Chlorophenol	6.46	128	1055367	44.071	ng		98
9) Benzaldehyde	6.21	77	325390	18.601	ng		100
10) Phenol	6.33	94	1214930	42.126	ng		88
11) bis(2-Chloroethyl)ether	6.41	93	986044	43.809	ng		97
12) 1,3-Dichlorobenzene	6.61	146	1120388	40.151	ng		97
13) 1,4-Dichlorobenzene	6.69	146	1136609	40.481	ng		98
14) 1,2-Dichlorobenzene	6.85	146	1055163	41.611	ng		98
15) Benzyl Alcohol	6.82	79	846715	44.397	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1393560	43.291	ng		100
17) 2-Methylphenol	6.93	107	882621	43.119	ng		100
18) Hexachloroethane	7.19	117	408364	38.640	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	690670	41.372	ng		98
20) 3+4-Methylphenols	7.09	107	981727	43.483	ng	#	87
22) Acetophenone	7.08	105	1374331	44.621	ng		97
24) Nitrobenzene	7.25	77	1071426	45.509	ng		99
25) Isophorone	7.50	82	2033170	45.254	ng		100
26) 2-Nitrophenol	7.57	139	611373	47.946	ng		94
27) 2,4-Dimethylphenol	7.62	122	973618	50.236	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1285877	44.774	ng		99
29) 2,4-Dichlorophenol	7.82	162	939602	46.081	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	1000592	42.768	ng		99
31) Naphthalene	7.97	128	2851698	45.278	ng		99
32) Benzoic acid	7.74	122	494308	35.018	ng		98
33) 4-Chloroaniline	8.02	127	496624	16.529	ng		97
34) Hexachlorobutadiene	8.10	225	541950	40.744	ng		99
35) Caprolactam	8.40	113	310843m	46.667	ng		
36) 4-Chloro-3-methylphenol	8.51	107	954428	47.040	ng		99
37) 2-Methylnaphthalene	8.66	142	1999940	45.781	ng		100
38) 1-Methylnaphthalene	8.76	142	1906627	46.023	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	881886	42.811	ng		99

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Quant Time: Jun 06 07:29:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	623554	49.910	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	706167	44.086	ng		98
44) 2,4,5-Trichlorophenol	8.99	196	729218	45.204	ng		96
46) 1,1'-Biphenyl	9.13	154	2337853	44.129	ng		98
47) 2-Chloronaphthalene	9.15	162	1911683	42.466	ng		98
48) 2-Nitroaniline	9.25	65	579791	43.159	ng		96
49) Acenaphthylene	9.56	152	2911630	44.601	ng		100
50) Dimethylphthalate	9.43	163	2919848	55.928	ng		99
51) 2,6-Dinitrotoluene	9.49	165	560180	45.625	ng		90
52) Acenaphthene	9.73	154	1761559	41.193	ng		100
53) 3-Nitroaniline	9.65	138	418716	29.193	ng		98
54) 2,4-Dinitrophenol	9.76	184	356872	64.233	ng		96
55) Dibenzofuran	9.90	168	2560129	43.053	ng		99
56) 4-Nitrophenol	9.82	139	952111	90.592	ng		99
57) 2,4-Dinitrotoluene	9.89	165	735485	47.651	ng		96
58) Fluorene	10.25	166	1787031	47.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	616594	46.654	ng		99
60) Diethylphthalate	10.13	149	2375754	45.350	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	905188	39.744	ng		99
62) 4-Nitroaniline	10.26	138	538214	38.688	ng		100
63) Azobenzene	10.40	77	2043582	45.828	ng		98
65) 4,6-Dinitro-2-methylphenol	10.30	198	259852	36.085	ng		97
66) n-Nitrosodiphenylamine	10.36	169	1879715	44.842	ng		100
67) 4-Bromophenyl-phenylether	10.73	248	653033	41.476	ng		97
68) Hexachlorobenzene	10.79	284	692868	40.209	ng	#	93
69) Atrazine	10.89	200	621440	42.626	ng		98
70) Pentachlorophenol	10.99	266	768892	77.187	ng		98
71) Phenanthrene	11.20	178	2880665	43.528	ng		99
72) Anthracene	11.25	178	2942995	42.255	ng		100
73) Carbazole	11.40	167	2568528	43.020	ng		99
74) Di-n-butylphthalate	11.75	149	3424024	43.602	ng		99
75) Fluoranthene	12.38	202	2741456	39.800	ng		99
77) Benzidine	12.50	184	905331	29.212	ng		96
78) Pyrene	12.60	202	2675490	49.264	ng		99
80) Butylbenzylphthalate	13.23	149	1457912	53.161	ng		97
81) Benzo(a)anthracene	13.79	228	2125580	44.061	ng		98
82) 3,3'-Dichlorobenzidine	13.75	252	777664	39.755	ng		99
83) Chrysene	13.82	228	2128456	45.354	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2210865	63.753	ng		99
85) Di-n-octyl phthalate	14.40	149	3027341	51.377	ng		100
86) Indeno(1,2,3-cd)pyrene	16.49	276	2044368	38.179	ng		99
88) Benzo(b)fluoranthene	14.79	252	2599631	45.061	ng		99
89) Benzo(k)fluoranthene	14.82	252	1967257	40.154	ng		100
90) Benzo(a)pyrene	15.12	252	2229847	44.655	ng		99
91) Dibenzo(a,h)anthracene	16.51	278	1742298	36.844	ng		99
92) Benzo(g,h,i)perylene	16.89	276	1584093	33.311	ng		98

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

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