Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119198.D
Acq On : 4 Mar 2020 16:53
Operator : CG/JU
Sample : L1739-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-04-007-ABCDMS

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:31 PM

Quant Time: Mar 05 05:53:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	130511	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	504060	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	273490	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	438719	20.00	ng		0.00
76) Chrysene-d12	13.90	240	232521	20.00	ng		0.00
87) Perylene-d12	15.33	264	266291	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	886695	113.54	ng		0.02
7) Phenol-d6	6.41	99	1064323	112.06	ng		0.00
23) Nitrobenzene-d5	7.31	82	732187	76.70	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	356618	99.68	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1450823	78.15	ng		0.00
79) Terphenyl-d14	12.84	244	1316435	97.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	127013	36.529	ng		96
3) Pyridine	3.24	79	321630	33.870	ng		100
4) n-Nitrosodimethylamine	3.18	42	135205	47.002	ng		94
6) Aniline	6.41	93	300647	25.654	ng	#	72
8) 2-Chlorophenol	6.54	128	418729	49.683	ng		100
9) Benzaldehyde	6.29	77	320831	50.559	ng		100
10) Phenol	6.42	94	482360	46.973	ng		81
11) bis(2-Chloroethyl)ether	6.47	93	377134	47.999	ng		97
12) 1,3-Dichlorobenzene	6.69	146	450772	44.625	ng		99
13) 1,4-Dichlorobenzene	6.76	146	454624	44.975	ng		100
14) 1,2-Dichlorobenzene	6.92	146	423077	45.892	ng		98
15) Benzyl Alcohol	6.90	79	345719	50.364	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	306068	44.969	ng	#	22
17) 2-Methylphenol	7.02	107	329135	48.168	ng		93
18) Hexachloroethane	7.25	117	153514	42.449	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	285928	51.664	ng		98
20) 3+4-Methylphenols	7.18	107	441014	52.681	ng	#	85
22) Acetophenone	7.16	105	568492	48.745	ng	#	95
24) Nitrobenzene	7.33	77	429200	45.463	ng		97
25) Isophorone	7.57	82	770716	46.486	ng		99
26) 2-Nitrophenol	7.65	139	224839	44.949	ng		98
27) 2,4-Dimethylphenol	7.70	122	353602	52.087	ng		100
28) bis(2-Chloroethoxy)methane	7.77	93	472327	43.768	ng		99
29) 2,4-Dichlorophenol	7.90	162	359678	45.005	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	399677	42.180	ng		99
31) Naphthalene	8.05	128	1181521	45.197	ng		99
32) Benzoic acid	7.87	122	225303	45.834	ng		98
33) 4-Chloroaniline	8.10	127	159722	14.206	ng		96
34) Hexachlorobutadiene	8.16	225	248539	42.109	ng		98
35) Caprolactam	8.49	113	103796m	42.179	ng		
36) 4-Chloro-3-methylphenol	8.61	107	376588	46.560	ng		100
37) 2-Methylnaphthalene	8.74	142	810312	46.060	ng		98
38) 1-Methylnaphthalene	8.84	142	751621	45.429	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	399691	43.346	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	93367	33.945 ng	100
43) 2,4,6-Trichlorophenol	9.03	196	260032	44.656 ng	97
44) 2,4,5-Trichlorophenol	9.08	196	259865	42.528 ng	98
46) 1,1'-Biphenyl	9.20	154	964800	43.649 ng	99
47) 2-Chloronaphthalene	9.23	162	776497	43.594 ng	99
48) 2-Nitroaniline	9.33	65	218818	44.044 ng	97
49) Acenaphthylene	9.65	152	1153670	44.844 ng	99
50) Dimethylphthalate	9.50	163	1046374	50.034 ng	100
51) 2,6-Dinitrotoluene	9.57	165	207006	44.553 ng	95
52) Acenaphthene	9.82	154	682473	43.995 ng	100
53) 3-Nitroaniline	9.75	138	98217	19.068 ng	99
54) 2,4-Dinitrophenol	9.87	184	72021	36.388 ng	93
55) Dibenzofuran	9.99	168	1003195	43.328 ng	100
56) 4-Nitrophenol	9.94	139	183901	59.422 ng	95
57) 2,4-Dinitrotoluene	9.99	165	252957	42.002 ng	95
58) Fluorene	10.33	166	804693	44.726 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	210958	40.916 ng	99
60) Diethylphthalate	10.20	149	910017	46.174 ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	428632	45.009 ng	99
62) 4-Nitroaniline	10.36	138	144515	27.422 ng	97
63) Azobenzene	10.48	77	773364	45.145 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	70918	26.714 ng	98
66) n-Nitrosodiphenylamine	10.44	169	728766	50.731 ng	100
67) 4-Bromophenyl-phenylether	10.80	248	267137	46.583 ng	96
68) Hexachlorobenzene	10.89	284	291014	44.015 ng	96
69) Atrazine	10.97	200	234601	46.742 ng	100
70) Pentachlorophenol	11.09	266	210953	79.206 ng	99
71) Phenanthrene	11.29	178	1063184	44.437 ng	99
72) Anthracene	11.34	178	1114357	46.615 ng	98
73) Carbazole	11.50	167	910644	42.759 ng	99
74) Di-n-butylphthalate	11.82	149	1302689	50.510 ng	98
75) Fluoranthene	12.47	202	957010	37.683 ng	98
77) Benzidine	12.60	184	558450	59.055 ng	98
78) Pyrene	12.70	202	917110	49.119 ng	99
80) Butylbenzylphthalate	13.32	149	418804	53.295 ng	99
81) Benzo(a)anthracene	13.89	228	746319	47.107 ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	259300	42.149 ng	98
83) Chrysene	13.93	228	707079	44.790 ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	569271	57.342 ng	99
85) Di-n-octyl phthalate	14.48	149	862312	54.515 ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	795830	52.064 ng	99
88) Benzo(b)fluoranthene	14.93	252	765370	43.605 ng	99
89) Benzo(k)fluoranthene	14.96	252	716683	44.060 ng	99
90) Benzo(a)pyrene	15.27	252	691269	43.637 ng	99
91) Dibenzo(a,h)anthracene	16.76	278	679290	48.734 ng	99
92) Benzo(g,h,i)perylene	17.17	276	620593	45.061 ng	99

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

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