Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119697.D
Acq On : 2 Apr 2020 5:19
Operator : MA/SJ
Sample : L2089-04MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)MSD

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:48 PM

Quant Time: Apr 02 05:58:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	235660	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	941703	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	490322	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	938227	20.00	ng		0.00
76) Chrysene-d12	13.99	240	667064	20.00	ng		-0.01
87) Perylene-d12	15.44	264	715818	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1858111	125.52	ng		0.02
7) Phenol-d6	6.45	99	2464182	130.31	ng		0.00
23) Nitrobenzene-d5	7.38	82	1533175	88.48	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	716441	141.63	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2780808	84.02	ng		0.00
79) Terphenyl-d14	12.93	244	2919142	85.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	286644	39.205	ng		97
3) Pyridine	3.34	79	800457	39.740	ng		93
4) n-Nitrosodimethylamine	3.30	42	416185	42.370	ng		92
6) Aniline	6.47	93	696737	26.695	ng		97
8) 2-Chlorophenol	6.60	128	848330	54.562	ng		99
9) Benzaldehyde	6.36	77	455240	37.948	ng		97
10) Phenol	6.46	94	1061521	52.608	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	808772	50.115	ng		99
12) 1,3-Dichlorobenzene	6.76	146	830257	49.339	ng		99
13) 1,4-Dichlorobenzene	6.83	146	836241	49.682	ng		100
14) 1,2-Dichlorobenzene	6.99	146	778790	49.501	ng		99
15) Benzyl Alcohol	6.96	79	699919	49.204	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1446835	44.447	ng		98
17) 2-Methylphenol	7.07	107	685683	48.133	ng		98
18) Hexachloroethane	7.33	117	317336	51.446	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	576233	50.554	ng		98
20) 3+4-Methylphenols	7.22	107	814854	46.674	ng	#	85
22) Acetophenone	7.23	105	1066075	47.378	ng	#	91
24) Nitrobenzene	7.40	77	869652	46.964	ng		99
25) Isophorone	7.64	82	1642633	46.733	ng		99
26) 2-Nitrophenol	7.72	139	456052	62.549	ng		91
27) 2,4-Dimethylphenol	7.75	122	751813	49.868	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	1040452	50.059	ng		100
29) 2,4-Dichlorophenol	7.96	162	701886	50.669	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	739162	48.250	ng		98
31) Naphthalene	8.12	128	2333343	48.149	ng		100
32) Benzoic acid	7.88	122	554107	57.137	ng		92
33) 4-Chloroaniline	8.16	127	210080	9.461	ng		99
34) Hexachlorobutadiene	8.24	225	417234	48.678	ng		99
35) Caprolactam	8.55	113	224849m	49.596	ng		
36) 4-Chloro-3-methylphenol	8.66	107	761018	50.265	ng		100
37) 2-Methylnaphthalene	8.82	142	1587343	49.909	ng		99
38) 1-Methylnaphthalene	8.92	142	1531390	50.871	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	680956	47.382	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	797826	97.647 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	526604	51.202 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	529691	45.975 ng	97
46) 1,1'-Biphenyl	9.28	154	1904979	47.703 ng	100
47) 2-Chloronaphthalene	9.30	162	1455443	46.528 ng	99
48) 2-Nitroaniline	9.40	65	533440	49.406 ng	97
49) Acenaphthylene	9.72	152	2356773	47.977 ng	98
50) Dimethylphthalate	9.59	163	2106328	60.478 ng	99
51) 2,6-Dinitrotoluene	9.65	165	395864	53.028 ng	96
52) Acenaphthene	9.89	154	1455013	47.513 ng	98
53) 3-Nitroaniline	9.81	138	191387	20.307 ng	89
54) 2,4-Dinitrophenol	9.92	184	383339	115.158 ng	90
55) Dibenzofuran	10.07	168	2090136	47.604 ng	100
56) 4-Nitrophenol	9.98	139	682001	91.731 ng	92
57) 2,4-Dinitrotoluene	10.05	165	528650	56.215 ng	92
58) Fluorene	10.41	166	1599769	49.272 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	458305	53.217 ng	98
60) Diethylphthalate	10.29	149	1781224	50.391 ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	768987	48.432 ng	97
62) 4-Nitroaniline	10.43	138	424799	47.004 ng	95
63) Azobenzene	10.56	77	1702214	47.820 ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	270610	68.783 ng	94
66) n-Nitrosodiphenylamine	10.52	169	1492409	48.454 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	518234	48.500 ng	94
68) Hexachlorobenzene	10.96	284	546229	49.947 ng	95
69) Atrazine	11.05	200	452956	53.643 ng	99
70) Pentachlorophenol	11.15	266	599649	93.514 ng	98
71) Phenanthrene	11.37	178	2280917	46.885 ng	100
72) Anthracene	11.42	178	2362742	47.786 ng	99
73) Carbazole	11.57	167	2213628	45.231 ng	100
74) Di-n-butylphthalate	11.91	149	2753237	52.590 ng	99
75) Fluoranthene	12.56	202	2513095	47.732 ng	98
77) Benzidine	12.68	184	1030617	36.507 ng	98
78) Pyrene	12.79	202	2509822	45.845 ng	100
80) Butylbenzylphthalate	13.41	149	1186440	53.583 ng	99
81) Benzo(a)anthracene	13.98	228	2002254	46.158 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	293929	17.185 ng	98
83) Chrysene	14.02	228	2117255	47.294 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1539286	58.317 ng	99
85) Di-n-octyl phthalate	14.58	149	2820686	60.763 ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2239223	53.109 ng	99
88) Benzo(b)fluoranthene	15.02	252	2224188	46.515 ng	97
89) Benzo(k)fluoranthene	15.06	252	2108894	46.318 ng	98
90) Benzo(a)pyrene	15.39	252	2018862	46.459 ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1850343	48.682 ng	98
92) Benzo(g,h,i)perylene	17.34	276	1789638	46.868 ng	96

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

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