Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119696.D
Acq On : 2 Apr 2020 4:51
Operator : MA/SJ
Sample : L2089-04MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:46 PM

Quant Time: Apr 02 05:44:52 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	218752	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	859921	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	451271	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	859649	20.00	ng		0.00
76) Chrysene-d12	13.99	240	628438	20.00	ng		-0.01
87) Perylene-d12	15.44	264	698518	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1644701	119.69	ng		0.02
7) Phenol-d6	6.45	99	2175614	123.94	ng		0.00
23) Nitrobenzene-d5	7.38	82	1340315	84.71	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	635160	136.43	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2480698	81.44	ng		0.00
79) Terphenyl-d14	12.93	244	2642608	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	273656	40.322	ng		99
3) Pyridine	3.34	79	755781	40.422	ng		94
4) n-Nitrosodimethylamine	3.29	42	390065	42.780	ng		95
6) Aniline	6.47	93	573524	23.673	ng		97
8) 2-Chlorophenol	6.60	128	787508	54.565	ng		98
9) Benzaldehyde	6.36	77	430712	38.679	ng		98
10) Phenol	6.46	94	994186	53.079	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	746766	49.850	ng		98
12) 1,3-Dichlorobenzene	6.75	146	775039	49.617	ng		96
13) 1,4-Dichlorobenzene	6.83	146	782250	50.066	ng		97
14) 1,2-Dichlorobenzene	6.99	146	737695	50.513	ng		99
15) Benzyl Alcohol	6.96	79	660228	50.001	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1349319	44.655	ng		98
17) 2-Methylphenol	7.07	107	633882	47.936	ng		99
18) Hexachloroethane	7.33	117	296348	51.757	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	529961	50.088	ng		98
20) 3+4-Methylphenols	7.22	107	766753	47.313	ng	#	81
22) Acetophenone	7.22	105	998366	48.588	ng	#	87
24) Nitrobenzene	7.40	77	821138	48.561	ng		99
25) Isophorone	7.64	82	1530244	47.676	ng		99
26) 2-Nitrophenol	7.72	139	427359	64.188	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	682708	49.591	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	974031	51.320	ng		99
29) 2,4-Dichlorophenol	7.96	162	655089	51.788	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	690428	49.355	ng		97
31) Naphthalene	8.12	128	2181614	49.299	ng		100
32) Benzoic acid	7.89	122	501779	56.662	ng		95
33) 4-Chloroaniline	8.16	127	161121	7.946	ng		97
34) Hexachlorobutadiene	8.24	225	391051	49.962	ng		99
35) Caprolactam	8.55	113	207224m	50.056	ng		
36) 4-Chloro-3-methylphenol	8.66	107	719838	52.067	ng		99
37) 2-Methylnaphthalene	8.82	142	1521359	52.384	ng		98
38) 1-Methylnaphthalene	8.92	142	1432856	52.124	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	646680	48.890	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	749796	99.710 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	499446	52.764 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	492893	46.483 ng	95
46) 1,1'-Biphenyl	9.28	154	1786261	48.601 ng	98
47) 2-Chloronaphthalene	9.30	162	1368052	47.519 ng	99
48) 2-Nitroaniline	9.40	65	500257	50.342 ng	98
49) Acenaphthylene	9.72	152	2215008	48.994 ng	99
50) Dimethylphthalate	9.59	163	1953296	60.938 ng	99
51) 2,6-Dinitrotoluene	9.65	165	375001	54.581 ng	96
52) Acenaphthene	9.89	154	1381591	49.019 ng	99
53) 3-Nitroaniline	9.80	138	162262	18.707 ng	99
54) 2,4-Dinitrophenol	9.92	184	350638	114.494 ng	93
55) Dibenzofuran	10.06	168	1983745	49.091 ng	98
56) 4-Nitrophenol	9.97	139	661475	96.669 ng	98
57) 2,4-Dinitrotoluene	10.05	165	500249	57.798 ng	86
58) Fluorene	10.41	166	1505096	50.367 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	426801	53.848 ng	97
60) Diethylphthalate	10.29	149	1686706	51.846 ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	730678	50.002 ng	99
62) 4-Nitroaniline	10.43	138	398558	47.916 ng	97
63) Azobenzene	10.56	77	1611682	49.195 ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	250800	69.575 ng	98
66) n-Nitrosodiphenylamine	10.52	169	1410141	49.968 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	486276	49.669 ng	92
68) Hexachlorobenzene	10.96	284	517626	51.658 ng	95
69) Atrazine	11.05	200	428658	55.405 ng	97
70) Pentachlorophenol	11.15	266	567088	96.520 ng	98
71) Phenanthrene	11.37	178	2198202	49.315 ng	100
72) Anthracene	11.42	178	2248100	49.623 ng	99
73) Carbazole	11.57	167	2112935	47.120 ng	100
74) Di-n-butylphthalate	11.91	149	2590225	53.998 ng	100
75) Fluoranthene	12.56	202	2407908	49.914 ng	99
77) Benzidine	12.67	184	933640	35.105 ng	98
78) Pyrene	12.79	202	2451152	47.526 ng	99
80) Butylbenzylphthalate	13.41	149	1135115	54.416 ng	99
81) Benzo(a)anthracene	13.98	228	1919782	46.977 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	265558	16.481 ng	99
83) Chrysene	14.02	228	2023778	47.984 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1472690	59.223 ng	99
85) Di-n-octyl phthalate	14.58	149	2705119	61.855 ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2230614	56.157 ng	99
88) Benzo(b)fluoranthene	15.02	252	2201326	47.177 ng	98
89) Benzo(k)fluoranthene	15.05	252	2066576	46.512 ng	98
90) Benzo(a)pyrene	15.39	252	1994356	47.031 ng	98
91) Dibenzo(a,h)anthracene	16.92	278	1813441	48.893 ng	99
92) Benzo(g,h,i)perylene	17.34	276	1797136	48.230 ng	96

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

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