Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119927.D
Acq On : 13 Apr 2020 20:52
Operator : MA/SJ
Sample : L2129-26MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
mohammad
4/14/2020 3:38:09 PM

Quant Time: Apr 14 03:03:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	243858	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	969469	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	499004	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	964024	20.00	ng	0.00
76) Chrysene-d12	13.91	240	685973	20.00	ng	0.00
87) Perylene-d12	15.33	264	652665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	575004	40.75	ng	0.00
7) Phenol-d6	6.37	99	765539	42.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	452780	24.16	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	387652	63.45	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1229008	34.97	ng	0.00
79) Terphenyl-d14	12.86	244	2189185	53.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.47	88	234725	37.348	ng	96
3) Pyridine	3.17	79	647712	37.563	ng	98
4) n-Nitrosodimethylamine	3.14	42	369207	41.906	ng	97
6) Aniline	6.40	93	798679	33.467	ng	98
8) 2-Chlorophenol	6.52	128	725014	45.985	ng	98
9) Benzaldehyde	6.28	77	334012	31.045	ng	97
10) Phenol	6.39	94	932126	45.188	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	677204	42.519	ng	97
12) 1,3-Dichlorobenzene	6.68	146	726578	42.094	ng	98
13) 1,4-Dichlorobenzene	6.76	146	720214	40.961	ng	98
14) 1,2-Dichlorobenzene	6.91	146	694890	42.883	ng	97
15) Benzyl Alcohol	6.89	79	593304	42.012	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1197088	38.625	ng	99
17) 2-Methylphenol	7.00	107	580865	41.284	ng	98
18) Hexachloroethane	7.25	117	276732	42.113	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	490739	41.972	ng	96
20) 3+4-Methylphenols	7.16	107	707307	41.103	ng	95
22) Acetophenone	7.15	105	925085	40.749	ng	99
24) Nitrobenzene	7.32	77	758910	40.258	ng	100
25) Isophorone	7.57	82	1394154	38.593	ng	99
26) 2-Nitrophenol	7.64	139	393943	41.828	ng	99
27) 2,4-Dimethylphenol	7.69	122	615714	43.347	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	876835	41.249	ng	100
29) 2,4-Dichlorophenol	7.89	162	599368	41.166	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	639100	38.739	ng	99
31) Naphthalene	8.05	128	2031071	39.820	ng	99
32) Benzoic acid	7.83	122	509532	40.844	ng	98
33) 4-Chloroaniline	8.09	127	414097	18.649	ng	98
34) Hexachlorobutadiene	8.17	225	366330	37.095	ng	98
35) Caprolactam	8.48	113	181460m	40.743	ng	
36) 4-Chloro-3-methylphenol	8.59	107	661457	41.962	ng	99
37) 2-Methylnaphthalene	8.74	142	1384438	40.035	ng	99
38) 1-Methylnaphthalene	8.84	142	1291268	39.617	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	599509	38.038	ng	99

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QLast Update : Mon Apr 13 13:37:50 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	717976	80.112 ng	98
43) 2,4,6-Trichlorophenol	9.02	196	445400	40.925 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	466750	38.077 ng	95
46) 1,1'-Biphenyl	9.20	154	1638289	38.897 ng	98
47) 2-Chloronaphthalene	9.23	162	1290240	39.766 ng	95
48) 2-Nitroaniline	9.33	65	470883	40.048 ng	98
49) Acenaphthylene	9.65	152	2045119	41.446 ng	99
50) Dimethylphthalate	9.52	163	1647939	42.696 ng	100
51) 2,6-Dinitrotoluene	9.57	165	345735	40.905 ng	91
52) Acenaphthene	9.82	154	1231708	37.420 ng	100
53) 3-Nitroaniline	9.74	138	228279	23.648 ng	95
54) 2,4-Dinitrophenol	9.85	184	419670	82.934 ng	93
55) Dibenzofuran	9.99	168	1804517	39.950 ng	98
56) 4-Nitrophenol	9.92	139	588809	81.979 ng	98
57) 2,4-Dinitrotoluene	9.98	165	460063	41.314 ng	97
58) Fluorene	10.33	166	1387187	38.401 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	388630	41.453 ng	99
60) Diethylphthalate	10.22	149	1552853	38.818 ng	98
61) 4-Chlorophenyl-phenylether	10.33	204	667776	36.067 ng	99
62) 4-Nitroaniline	10.36	138	386285	41.990 ng	98
63) Azobenzene	10.49	77	1489052	41.535 ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	271353	42.726 ng	83
66) n-Nitrosodiphenylamine	10.45	169	1299060	40.519 ng	99
67) 4-Bromophenyl-phenylether	10.82	248	450273	37.558 ng	99
68) Hexachlorobenzene	10.88	284	487724	40.102 ng	99
69) Atrazine	10.98	200	402090	45.076 ng	96
70) Pentachlorophenol	11.07	266	544146	77.639 ng	98
71) Phenanthrene	11.30	178	2052292	40.001 ng	98
72) Anthracene	11.34	178	2128880	40.618 ng	99
73) Carbazole	11.50	167	1961673	39.578 ng	99
74) Di-n-butylphthalate	11.83	149	2424776	37.214 ng	99
75) Fluoranthene	12.48	202	2219501	40.093 ng	98
77) Benzidine	12.60	184	1260861	54.376 ng	97
78) Pyrene	12.71	202	2243721	38.799 ng	99
80) Butylbenzylphthalate	13.33	149	1050089	37.422 ng	99
81) Benzo(a)anthracene	13.90	228	1752364	38.831 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	440494	26.160 ng	96
83) Chrysene	13.94	228	1862045	40.608 ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1339281	35.245 ng	100
85) Di-n-octyl phthalate	14.51	149	2444799	37.786 ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1639482	40.562 ng	98
88) Benzo(b)fluoranthene	14.93	252	1804083	38.425 ng	98
89) Benzo(k)fluoranthene	14.96	252	1745031	43.076 ng	98
90) Benzo(a)pyrene	15.27	252	1584211	40.131 ng	98
91) Dibenzo(a,h)anthracene	16.75	278	1341568	38.366 ng	98
92) Benzo(g,h,i)perylene	17.16	276	1322346	38.310 ng	98

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

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