Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121652.D
Acq On : 22 Sep 2020 21:23
Operator : JU/CG
Sample : L4104-09MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Manual Integrations APPROVED
mohammad
9/23/2020 10:43:29 AM

Quant Time: Sep 23 01:36:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156923	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	620921	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	330172	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	615516	20.00	ng		0.00
76) Chrysene-d12	13.98	240	446511	20.00	ng		0.00
86) Perylene-d12	15.43	264	364003	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	878238	83.17	ng		0.01
7) Phenol-d6	6.45	99	1155428	83.41	ng		0.00
23) Nitrobenzene-d5	7.37	82	789752	68.29	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	385297	93.89	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1403175	64.36	ng		0.00
79) Terphenyl-d14	12.92	244	1446603	65.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	169158	34.870	ng		99
3) Pyridine	3.38	79	483805	36.076	ng		98
4) n-Nitrosodimethylamine	3.34	42	238183	38.290	ng		99
6) Aniline	6.47	93	362886	20.113	ng		95
8) 2-Chlorophenol	6.60	128	446642	41.545	ng		98
9) Benzaldehyde	6.36	77	163919	18.100	ng		99
10) Phenol	6.46	94	565951	38.365	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	436814	39.288	ng		99
12) 1,3-Dichlorobenzene	6.75	146	467445	38.955	ng		98
13) 1,4-Dichlorobenzene	6.83	146	470413	39.042	ng		98
14) 1,2-Dichlorobenzene	6.98	146	450014	40.544	ng		99
15) Benzyl Alcohol	6.96	79	395694	42.024	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	667833	37.327	ng		97
17) 2-Methylphenol	7.07	107	376419	41.150	ng		98
18) Hexachloroethane	7.32	117	171601	39.776	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	312928	39.195	ng		98
20) 3+4-Methylphenols	7.23	107	444930	40.483	ng	#	87
22) Acetophenone	7.22	105	588317	37.344	ng		100
24) Nitrobenzene	7.39	77	485591	38.823	ng		99
25) Isophorone	7.64	82	878564	37.740	ng		98
26) 2-Nitrophenol	7.71	139	238257	40.865	ng		95
27) 2,4-Dimethylphenol	7.75	122	398971	38.394	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	556352	38.604	ng		99
29) 2,4-Dichlorophenol	7.96	162	375397	39.663	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	386068	38.731	ng		99
31) Naphthalene	8.12	128	1263999	38.563	ng		99
32) Benzoic acid	7.90	122	276971	37.498	ng		97
33) 4-Chloroaniline	8.16	127	214997	15.132	ng		98
34) Hexachlorobutadiene	8.23	225	233230	39.862	ng		99
35) Caprolactam	8.55	113	126471m	40.126	ng		
36) 4-Chloro-3-methylphenol	8.66	107	418171	41.014	ng		99
37) 2-Methylnaphthalene	8.81	142	833972	38.825	ng		99
38) 1-Methylnaphthalene	8.91	142	782081	39.121	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	390535	37.866	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	354027	60.109 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	276886	39.387 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	291496	39.224 ng	95
46) 1,1'-Biphenyl	9.27	154	999905	37.829 ng	100
47) 2-Chloronaphthalene	9.30	162	782850	37.584 ng	100
48) 2-Nitroaniline	9.40	65	270262	41.754 ng	97
49) Acenaphthylene	9.72	152	1239841	38.740 ng	100
50) Dimethylphthalate	9.58	163	1110182	46.392 ng	99
51) 2,6-Dinitrotoluene	9.64	165	217655	42.708 ng	98
52) Acenaphthene	9.89	154	738410	36.530 ng	99
53) 3-Nitroaniline	9.81	138	124028	21.008 ng	93
54) 2,4-Dinitrophenol	9.92	184	227210	77.603 ng	98
55) Dibenzofuran	10.06	168	1091541	38.345 ng	98
56) 4-Nitrophenol	9.99	139	353938	75.173 ng	91
57) 2,4-Dinitrotoluene	10.05	165	287437	44.831 ng	91
58) Fluorene	10.40	166	853777	39.219 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246671	40.828 ng	99
60) Diethylphthalate	10.28	149	927144	39.738 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	409501	39.269 ng	99
62) 4-Nitroaniline	10.43	138	211024	35.999 ng	98
63) Azobenzene	10.55	77	939035	37.794 ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	160147	43.200 ng	96
66) n-Nitrosodiphenylamine	10.52	169	813748	38.535 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	281056	40.105 ng	94
68) Hexachlorobenzene	10.95	284	315335	39.872 ng	98
69) Atrazine	11.04	200	199150	37.960 ng	97
70) Pentachlorophenol	11.15	266	335506	77.246 ng	98
71) Phenanthrene	11.36	178	1329381	39.641 ng	100
72) Anthracene	11.42	178	1332642	38.507 ng	100
73) Carbazole	11.57	167	1209864	38.740 ng	99
74) Di-n-butylphthalate	11.90	149	1388067	38.510 ng	100
75) Fluoranthene	12.55	202	1442915	40.306 ng	99
77) Benzidine	12.67	184	605372	40.896 ng	99
78) Pyrene	12.78	202	1453506	44.554 ng	100
80) Butylbenzylphthalate	13.40	149	565166	42.835 ng	97
81) Benzo(a)anthracene	13.97	228	1160541	41.083 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	216639	19.644 ng	99
83) Chrysene	14.00	228	1121781	39.216 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	724034	41.077 ng	100
85) Di-n-octyl phthalate	14.57	149	1175044	37.775 ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1047731	44.199 ng	100
88) Benzo(b)fluoranthene	15.01	252	1012279	41.599 ng	99
89) Benzo(k)fluoranthene	15.04	252	938866	42.132 ng	100
90) Benzo(a)pyrene	15.37	252	874218	42.264 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	835365	42.334 ng	99
92) Benzo(g,h,i)perylene	17.31	276	895985	46.192 ng	99

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

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