Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122996.D
Acq On : 18 Jan 2021 20:00
Operator : JU/CG
Sample : M1090-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FTMSD

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:32 PM

Quant Time: Jan 18 23:50:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	189132	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	791303	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	387024	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	631773	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	449182	20.00	ng		0.00
86) Perylene-d12	15.545	264	356429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1405173	112.30	ng		0.02
7) Phenol-d6	6.528	99	2045406	121.63	ng		0.00
23) Nitrobenzene-d5	7.463	82	1613979	104.96	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	559898	127.93	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2235364	80.88	ng		0.00
79) Terphenyl-d14	13.016	244	1996809	81.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	83501	13.74	ng	#	69
3) Pyridine	3.604	79	549227	33.39	ng	#	71
4) n-Nitrosodimethylamine	3.551	42	381873	52.01	ng	#	51
6) Aniline	6.563	93	296669	14.63	ng		96
8) 2-Chlorophenol	6.687	128	651986	49.34	ng		91
10) Phenol	6.539	94	797749m	47.24	ng		
11) bis(2-Chloroethyl)ether	6.634	93	654706	47.88	ng		89
12) 1,3-Dichlorobenzene	6.839	146	644720	42.16	ng	#	94
13) 1,4-Dichlorobenzene	6.916	146	653819	42.46	ng		97
14) 1,2-Dichlorobenzene	7.069	146	615820	42.87	ng		97
15) Benzyl Alcohol	7.039	79	594258	50.13	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1310493	54.99	ng		88
17) 2-Methylphenol	7.145	107	533021	47.56	ng		97
18) Hexachloroethane	7.416	117	300325	53.96	ng		93
19) n-Nitroso-di-n-propyla...	7.316	70	591478	59.38	ng		91
20) 3+4-Methylphenols	7.298	107	810815	57.83	ng		91
22) Acetophenone	7.304	105	1063019	53.42	ng	#	90
24) Nitrobenzene	7.481	77	897935	56.98	ng		97
25) Isophorone	7.722	82	1433674	52.26	ng		99
26) 2-Nitrophenol	7.792	139	361795	50.82	ng		94
27) 2,4-Dimethylphenol	7.828	122	641162	56.56	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	835501	45.05	ng		100
29) 2,4-Dichlorophenol	8.033	162	547425	46.25	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	514989	40.84	ng		97
31) Naphthalene	8.204	128	1833189	45.06	ng		99
32) Benzoic acid	7.945	122	447338	46.96	ng		95
33) 4-Chloroaniline	8.245	127	178881	10.08	ng	#	94
34) Hexachlorobutadiene	8.322	225	279692	40.59	ng		99
35) Caprolactam	8.616	113	148721m	36.97	ng		
36) 4-Chloro-3-methylphenol	8.728	107	619027	49.17	ng		98
37) 2-Methylnaphthalene	8.892	142	1298695	46.28	ng		99
38) 1-Methylnaphthalene	8.992	142	1222435	46.12	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	458941	43.20	ng	#	96
41) Hexachlorocyclopentadiene	9.051	237	496465	96.19	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	379690	47.94	ng		99
44) 2,4,5-Trichlorophenol	9.210	196	371410	46.22	ng	#	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1459649	46.38	ng		97
47) 2-Chloronaphthalene	9.386	162	1152945	43.90	ng		99
48) 2-Nitroaniline	9.475	65	438127	48.95	ng	#	74
49) Acenaphthylene	9.804	152	1758702	45.90	ng		99
50) Dimethylphthalate	9.663	163	1359063	45.24	ng		99
51) 2,6-Dinitrotoluene	9.716	165	304822	46.39	ng	#	67
52) Acenaphthene	9.975	154	1239059	50.03	ng		98
53) 3-Nitroaniline	9.880	138	149783	18.44	ng		88
54) 2,4-Dinitrophenol	9.992	184	272510	73.10	ng	#	81
55) Dibenzofuran	10.145	168	1621423	46.97	ng		97
56) 4-Nitrophenol	10.045	139	545506	91.12	ng	#	79
57) 2,4-Dinitrotoluene	10.122	165	415485	49.16	ng	#	83
58) Fluorene	10.492	166	1248613	46.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	302777	47.21	ng	#	81
60) Diethylphthalate	10.363	149	1360056	46.58	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	524695	43.22	ng		91
62) 4-Nitroaniline	10.504	138	287250	35.85	ng		98
63) Azobenzene	10.639	77	1454749	49.80	ng		90
65) 4,6-Dinitro-2-methylph...	10.527	198	180588	50.75	ng	#	55
66) n-Nitrosodiphenylamine	10.598	169	1104052	46.81	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	344338	44.58	ng	#	92
68) Hexachlorobenzene	11.039	284	386171	43.72	ng		97
69) Atrazine	11.122	200	269032	42.84	ng		94
70) Pentachlorophenol	11.227	266	456891	98.35	ng		99
71) Phenanthrene	11.451	178	1768789	46.72	ng		99
72) Anthracene	11.504	178	1781505	47.61	ng		100
73) Carbazole	11.657	167	1707588	47.08	ng		99
74) Di-n-butylphthalate	11.992	149	1994257	46.46	ng		99
75) Fluoranthene	12.645	202	1739449	45.41	ng		98
77) Benzidine	12.757	184	115197	9.69	ng		99
78) Pyrene	12.874	202	1711382	47.58	ng		100
80) Butylbenzylphthalate	13.492	149	810170	50.26	ng		94
81) Benzo(a)anthracene	14.063	228	1405943	46.77	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	265512	26.98	ng	#	98
83) Chrysene	14.104	228	1402141	46.25	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1039479	48.37	ng		99
85) Di-n-octyl phthalate	14.668	149	1636131	47.07	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.045	276	1371659	61.08	ng	#	94
88) Benzo(b)fluoranthene	15.121	252	1234561	51.32	ng		98
89) Benzo(k)fluoranthene	15.151	252	1072129	43.47	ng		98
90) Benzo(a)pyrene	15.492	252	1077156	49.57	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	1127998	61.31	ng	#	96
92) Benzo(g,h,i)perylene	17.498	276	1065065	59.81	ng		96

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

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