Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125846.D
Acq On : 14 Oct 2021 15:58
Operator : JU/CG
Sample : M4191-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6MS

Manual Integrations APPROVED
mohammad
10/18/2021 8:34:16 AM

Quant Time: Oct 15 10:39:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	188203	20.00	ng		-0.01
21) Naphthalene-d8	8.116	136	774736	20.00	ng		#-0.01
39) Acenaphthene-d10	9.869	164	414976	20.00	ng		-0.01
64) Phenanthrene-d10	11.351	188	714942	20.00	ng		#-0.01
76) Chrysene-d12	13.986	240	413354	20.00	ng		-0.01
86) Perylene-d12	15.433	264	430857	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1352259	117.38	ng		0.00
7) Phenol-d6	6.469	99	1674906	112.93	ng		0.00
23) Nitrobenzene-d5	7.398	82	1011108	81.13	ng		-0.01
42) 2,4,6-Tribromophenol	10.657	330	504760	123.20	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	1951499	81.11	ng		-0.01
79) Terphenyl-d14	12.933	244	1872538	69.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	197499	40.26	ng	#	100
3) Pyridine	3.387	79	446880	35.21	ng	#	71
4) n-Nitrosodimethylamine	3.328	42	204425	44.75	ng	#	1
6) Aniline	6.498	93	620741	36.35	ng		93
8) 2-Chlorophenol	6.622	128	590597	46.81	ng		95
9) Benzaldehyde	6.381	77	311644	38.72	ng		93
10) Phenol	6.481	94	693664	48.10	ng		90
11) bis(2-Chloroethyl)ether	6.569	93	527481	45.14	ng		97
12) 1,3-Dichlorobenzene	6.775	146	600277	43.61	ng		97
13) 1,4-Dichlorobenzene	6.851	146	615521	43.85	ng		98
14) 1,2-Dichlorobenzene	7.004	146	592060	45.03	ng		99
15) Benzyl Alcohol	6.975	79	452550	46.04	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	657461	43.99	ng		88
17) 2-Methylphenol	7.087	107	462118	46.00	ng		97
18) Hexachloroethane	7.351	117	213146	44.09	ng	#	83
19) n-Nitroso-di-n-propyla...	7.251	70	345228	44.10	ng	#	68
20) 3+4-Methylphenols	7.239	107	550234	44.41	ng	#	87
22) Acetophenone	7.245	105	731130	42.93	ng	#	93
24) Nitrobenzene	7.416	77	552096	45.71	ng		98
25) Isophorone	7.657	82	985932	44.65	ng		95
26) 2-Nitrophenol	7.734	139	313527	51.33	ng	#	93
27) 2,4-Dimethylphenol	7.769	122	513484	50.48	ng		96
28) bis(2-Chloroethoxy)met...	7.863	93	639228	41.71	ng		98
29) 2,4-Dichlorophenol	7.975	162	486974	44.44	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	501878	41.77	ng		97
31) Naphthalene	8.139	128	1644863	43.91	ng		99
32) Benzoic acid	7.892	122	357197	49.94	ng		99
33) 4-Chloroaniline	8.181	127	278303	17.75	ng		99
34) Hexachlorobutadiene	8.257	225	275938	41.11	ng		100
35) Caprolactam	8.557	113	164522m	51.97	ng		
36) 4-Chloro-3-methylphenol	8.663	107	495013	46.24	ng		99
37) 2-Methylnaphthalene	8.828	142	1123410	46.31	ng		100
38) 1-Methylnaphthalene	8.928	142	1034799	43.96	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	457858	41.11	ng		99
41) Hexachlorocyclopentadiene	8.986	237	501458	91.74	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	353448	43.79	ng		98

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44) 2,4,5-Trichlorophenol	9.145	196	377490	43.98	ng	#	91
46) 1,1'-Biphenyl	9.292	154	1256450	41.18	ng		98
47) 2-Chloronaphthalene	9.316	162	1068491	43.13	ng		98
48) 2-Nitroaniline	9.410	65	292720	49.22	ng		92
49) Acenaphthylene	9.733	152	1624721	44.78	ng		98
50) Dimethylphthalate	9.592	163	1205548	44.13	ng		97
51) 2,6-Dinitrotoluene	9.651	165	276406	50.06	ng		96
52) Acenaphthene	9.904	154	1089594	48.07	ng		97
53) 3-Nitroaniline	9.816	138	226066	34.63	ng		87
54) 2,4-Dinitrophenol	9.928	184	251270	107.21	ng	#	70
55) Dibenzofuran	10.075	168	1461371	43.04	ng		96
56) 4-Nitrophenol	9.980	139	471685	96.92	ng		88
57) 2,4-Dinitrotoluene	10.057	165	384545	55.08	ng	#	78
58) Fluorene	10.416	166	1108566	44.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	294027	45.38	ng	#	88
60) Diethylphthalate	10.292	149	1157200	44.40	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	501846	41.90	ng		88
62) 4-Nitroaniline	10.433	138	290319	48.12	ng	#	76
63) Azobenzene	10.569	77	1057012	43.14	ng		84
65) 4,6-Dinitro-2-methylph...	10.463	198	171217	48.01	ng	#	74
66) n-Nitrosodiphenylamine	10.527	169	1024275	42.00	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	324140	40.94	ng		97
68) Hexachlorobenzene	10.963	284	382884	42.67	ng		89
69) Atrazine	11.057	200	326103	46.07	ng		93
70) Pentachlorophenol	11.157	266	396935	82.75	ng		93
71) Phenanthrene	11.380	178	1733852	45.33	ng		98
72) Anthracene	11.427	178	1724359	45.13	ng		98
73) Carbazole	11.580	167	1504968	42.33	ng		99
74) Di-n-butylphthalate	11.916	149	1776021	45.24	ng		99
75) Fluoranthene	12.563	202	1715198	49.69	ng		96
77) Benzidine	12.680	184	823893	54.47	ng		98
78) Pyrene	12.792	202	1696336	40.39	ng		96
80) Butylbenzylphthalate	13.410	149	636028	47.25	ng		96
81) Benzo(a)anthracene	13.974	228	1174693	43.80	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	284254	33.55	ng		99
83) Chrysene	14.015	228	1213904	45.80	ng		97
84) Bis(2-ethylhexyl)phtha...	13.968	149	802315	54.78	ng		97
85) Di-n-octyl phthalate	14.574	149	1321004	54.13	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.886	276	1358064	41.30	ng		97
88) Benzo(b)fluoranthene	15.015	252	1230823	50.60	ng		97
89) Benzo(k)fluoranthene	15.045	252	1192659	47.76	ng	#	97
90) Benzo(a)pyrene	15.380	252	1212108	56.27	ng		97
91) Dibenzo(a,h)anthracene	16.904	278	1112278	41.00	ng		99
92) Benzo(g,h,i)perylene	17.327	276	1146813	41.40	ng		93

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

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