Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101221\
Data File : BF125808.D
Acq On : 12 Oct 2021 18:32
Operator : JU/CG
Sample : M4159-20MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T10-COMP-(1-4)MS

Manual Integrations APPROVED
mohammad
10/14/2021 10:53:23 AM

Quant Time: Oct 13 09:44:31 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 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	186413	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	693876	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	318125	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	513097	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	423622	20.00	ng	0.00
86) Perylene-d12	15.445	264	359721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1031947	90.43	ng	0.00
7) Phenol-d6	6.469	99	1236748	84.19	ng	0.00
23) Nitrobenzene-d5	7.404	82	740916	66.37	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	284241	90.50	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1373950	74.49	ng	0.00
79) Terphenyl-d14	12.939	244	1415737	50.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	206191	42.44	ng	# 100
3) Pyridine	3.387	79	431259	34.31	ng	# 71
4) n-Nitrosodimethylamine	3.328	42	206292	45.59	ng	# 1
6) Aniline	6.504	93	418939	24.77	ng	94
8) 2-Chlorophenol	6.628	128	516061	41.29	ng	98
9) Benzaldehyde	6.392	77	297772	37.35	ng	93
10) Phenol	6.481	94	598498	41.90	ng	90
11) bis(2-Chloroethyl)ether	6.575	93	493695	42.65	ng	99
12) 1,3-Dichlorobenzene	6.787	146	576339m	42.27	ng	
13) 1,4-Dichlorobenzene	6.863	146	582416	41.89	ng	98
14) 1,2-Dichlorobenzene	7.016	146	552835	42.45	ng	99
15) Benzyl Alcohol	6.981	79	381389	39.18	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.116	45	609202	41.16	ng	89
17) 2-Methylphenol	7.092	107	381370	38.33	ng	97
18) Hexachloroethane	7.357	117	202845	42.36	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	312215	40.26	ng	# 68
20) 3+4-Methylphenols	7.245	107	456772	37.22	ng	# 80
22) Acetophenone	7.251	105	658829	43.19	ng	# 90
24) Nitrobenzene	7.422	77	473106	43.73	ng	98
25) Isophorone	7.663	82	845022	42.73	ng	95
26) 2-Nitrophenol	7.739	139	251551	45.98	ng	# 93
27) 2,4-Dimethylphenol	7.775	122	404775	44.43	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	542855	39.55	ng	98
29) 2,4-Dichlorophenol	7.975	162	374034	38.11	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	440020	40.89	ng	97
31) Naphthalene	8.145	128	1429604	42.61	ng	99
32) Benzoic acid	7.875	122	266835	41.65	ng	97
33) 4-Chloroaniline	8.192	127	186377	13.27	ng	97
34) Hexachlorobutadiene	8.269	225	245493	40.84	ng	98
35) Caprolactam	8.545	113	118502m	41.79	ng	
36) 4-Chloro-3-methylphenol	8.669	107	350065	36.51	ng	99
37) 2-Methylnaphthalene	8.833	142	924383	42.54	ng	99
38) 1-Methylnaphthalene	8.933	142	842101	39.94	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	372115	43.58	ng	99
41) Hexachlorocyclopentadiene	8.992	237	393449	93.89	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	250972	40.56	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	263305	40.02	ng		94
46) 1,1'-Biphenyl	9.298	154	1010454	43.20	ng		98
47) 2-Chloronaphthalene	9.322	162	814692	42.90	ng		98
48) 2-Nitroaniline	9.416	65	195139	42.80	ng		89
49) Acenaphthylene	9.739	152	1202219	43.23	ng		99
50) Dimethylphthalate	9.598	163	873023	41.69	ng		98
51) 2,6-Dinitrotoluene	9.657	165	188000	44.41	ng	#	89
52) Acenaphthene	9.910	154	797236	45.88	ng		98
53) 3-Nitroaniline	9.822	138	165244	33.01	ng		91
54) 2,4-Dinitrophenol	9.927	184	151361	84.24	ng	#	75
55) Dibenzofuran	10.080	168	1080285	41.50	ng		94
56) 4-Nitrophenol	9.980	139	344408	92.31	ng	#	86
57) 2,4-Dinitrotoluene	10.057	165	248417	46.41	ng	#	83
58) Fluorene	10.422	166	799386	41.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	198227	39.91	ng	#	90
60) Diethylphthalate	10.298	149	820269	41.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	365172	39.77	ng		88
62) 4-Nitroaniline	10.433	138	190812	41.26	ng	#	76
63) Azobenzene	10.575	77	745994	39.72	ng		85
65) 4,6-Dinitro-2-methylph...	10.463	198	101074	39.49	ng	#	74
66) n-Nitrosodiphenylamine	10.533	169	705020	40.28	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	224434	39.50	ng		97
68) Hexachlorobenzene	10.974	284	262931	40.83	ng	#	80
69) Atrazine	11.057	200	222170	43.73	ng		94
70) Pentachlorophenol	11.163	266	304536	88.47	ng		95
71) Phenanthrene	11.386	178	1196097	43.57	ng		98
72) Anthracene	11.433	178	1213011	44.24	ng		98
73) Carbazole	11.586	167	1138679	44.62	ng		99
74) Di-n-butylphthalate	11.921	149	1288375	45.73	ng		99
75) Fluoranthene	12.568	202	1298519	52.42	ng		96
77) Benzidine	12.686	184	190340	12.28	ng		98
78) Pyrene	12.798	202	1334448	31.01	ng		97
80) Butylbenzylphthalate	13.415	149	580116	42.05	ng		96
81) Benzo(a)anthracene	13.986	228	1110257	40.40	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	251060	28.91	ng		99
83) Chrysene	14.021	228	1148031	42.26	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	754821	50.29	ng	#	98
85) Di-n-octyl phthalate	14.586	149	1399305	55.95	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.892	276	872989	31.80	ng		98
88) Benzo(b)fluoranthene	15.027	252	1084121	53.38	ng		98
89) Benzo(k)fluoranthene	15.057	252	989400	47.45	ng		98
90) Benzo(a)pyrene	15.386	252	954039	53.05	ng		98
91) Dibenzo(a,h)anthracene	16.909	278	721522	31.86	ng		99
92) Benzo(g,h,i)perylene	17.333	276	729191	31.53	ng		94

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

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