Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125094.D
Acq On : 18 Aug 2021 18:36
Operator : JU/CG
Sample : M3449-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4MS

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:56 PM

Quant Time: Aug 19 06:45:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	161973	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	634210	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	328311	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	569153	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	305812	20.000	ng	0.00
86) Perylene-d12	15.580	264	305527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1052281	98.333	ng	0.01
7) Phenol-d6	6.545	99	1331747	96.224	ng	0.00
23) Nitrobenzene-d5	7.486	82	890933	70.723	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	357468	109.075	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1481573	62.895	ng	0.00
79) Terphenyl-d14	13.033	244	1361414	70.921	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	212898	40.318	ng	# 100
3) Pyridine	3.557	79	489706	35.130	ng	# 89
4) n-Nitrosodimethylamine	3.516	42	309473	44.366	ng	# 51
6) Aniline	6.587	93	691607	42.542	ng	95
8) 2-Chlorophenol	6.704	128	474353	43.452	ng	# 80
9) Benzaldehyde	6.475	77	351906	36.231	ng	94
10) Phenol	6.557	94	592552	40.884	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	498389	43.662	ng	86
12) 1,3-Dichlorobenzene	6.863	146	527168	41.673	ng	97
13) 1,4-Dichlorobenzene	6.939	146	529060	41.973	ng	98
14) 1,2-Dichlorobenzene	7.092	146	506380	42.701	ng	98
15) Benzyl Alcohol	7.057	79	459424	43.114	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1018611	44.497	ng	99
17) 2-Methylphenol	7.169	107	405331	44.200	ng	97
18) Hexachloroethane	7.434	117	195365	44.262	ng	92
19) n-Nitroso-di-n-propyla...	7.334	70	356689	42.848	ng	# 81
20) 3+4-Methylphenols	7.316	107	470985	40.915	ng	91
22) Acetophenone	7.328	105	663965	40.679	ng	93
24) Nitrobenzene	7.504	77	554445	40.392	ng	89
25) Isophorone	7.745	82	1006170	41.402	ng	# 89
26) 2-Nitrophenol	7.816	139	257140	46.914	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	443211	46.189	ng	89
28) bis(2-Chloroethoxy)met...	7.951	93	608881	45.250	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	399511	40.825	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	431998	40.482	ng	93
31) Naphthalene	8.228	128	1283616	39.520	ng	99
32) Benzoic acid	7.963	122	319932	49.124	ng	# 87
33) 4-Chloroaniline	8.269	127	401564	31.361	ng	# 89
34) Hexachlorobutadiene	8.339	225	273652	40.217	ng	99
35) Caprolactam	8.639	113	127096m	50.143	ng	
36) 4-Chloro-3-methylphenol	8.745	107	432483	43.291	ng	88
37) 2-Methylnaphthalene	8.916	142	887453	41.348	ng	99
38) 1-Methylnaphthalene	9.016	142	821925	41.009	ng	96
40) 1,2,4,5-Tetrachloroben...	9.080	216	409599	38.186	ng	99
41) Hexachlorocyclopentadiene	9.075	237	527027	93.519	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	308334	40.824	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	325805	41.003	ng		94
46) 1,1'-Biphenyl	9.380	154	1016221	38.393	ng		97
47) 2-Chloronaphthalene	9.410	162	849392	39.489	ng		96
48) 2-Nitroaniline	9.498	65	306981	46.041	ng	#	80
49) Acenaphthylene	9.828	152	1264923	40.357	ng		98
50) Dimethylphthalate	9.680	163	974025	42.811	ng		97
51) 2,6-Dinitrotoluene	9.745	165	216089	43.802	ng		96
52) Acenaphthene	9.998	154	847573	43.621	ng		98
53) 3-Nitroaniline	9.910	138	177464	33.357	ng	#	80
54) 2,4-Dinitrophenol	10.016	184	195839	100.498	ng	#	85
55) Dibenzofuran	10.169	168	1087301	38.883	ng		99
56) 4-Nitrophenol	10.063	139	353476	83.901	ng	#	74
57) 2,4-Dinitrotoluene	10.145	165	280307	46.946	ng	#	96
58) Fluorene	10.510	166	831013	40.196	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	240818	40.839	ng	#	89
60) Diethylphthalate	10.380	149	968990	43.687	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	419947	40.175	ng	#	86
62) 4-Nitroaniline	10.527	138	212442	44.406	ng	#	82
63) Azobenzene	10.663	77	1015631	40.823	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	130856	43.440	ng		93
66) n-Nitrosodiphenylamine	10.622	169	806234	39.561	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	285718	41.805	ng		94
68) Hexachlorobenzene	11.057	284	299713	42.628	ng	#	86
69) Atrazine	11.145	200	250045	42.758	ng		92
70) Pentachlorophenol	11.251	266	327627	79.805	ng		90
71) Phenanthrene	11.474	178	1235675	39.402	ng		96
72) Anthracene	11.527	178	1262108	40.831	ng		98
73) Carbazole	11.674	167	1068880	37.840	ng		100
74) Di-n-butylphthalate	12.010	149	1422906	42.449	ng		99
75) Fluoranthene	12.663	202	1239921	39.846	ng		97
77) Benzidine	12.780	184	613307	57.423	ng		97
78) Pyrene	12.892	202	1237232	47.164	ng		96
80) Butylbenzylphthalate	13.510	149	505203	49.012	ng		93
81) Benzo(a)anthracene	14.080	228	906204	41.127	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	280949	41.134	ng		99
83) Chrysene	14.115	228	895121	41.078	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	653589	46.134	ng		99
85) Di-n-octyl phthalate	14.680	149	1029122	43.676	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1107206	50.303	ng		93
88) Benzo(b)fluoranthene	15.145	252	892845	40.000	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	813056	39.035	ng		98
90) Benzo(a)pyrene	15.521	252	865929	43.918	ng		96
91) Dibenzo(a,h)anthracene	17.121	278	909083	47.781	ng		96
92) Benzo(g,h,i)perylene	17.562	276	958827	52.266	ng	#	89

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

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