Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125292.D
Acq On : 31 Aug 2021 17:05
Operator : JU/CG
Sample : M3550-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
mohammad
9/1/2021 4:02:04 PM

Quant Time: Aug 31 17:54:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	170755	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	681636	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	383299	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	736357	20.000	ng	0.00
76) Chrysene-d12	14.086	240	449807	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	431492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1166052	103.361	ng	0.02
7) Phenol-d6	6.551	99	1377054	94.381	ng	0.01
23) Nitrobenzene-d5	7.481	82	1064067	78.589	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	562867	147.110	ng	0.01
45) 2-Fluorobiphenyl	9.275	172	1887158	68.620	ng	0.00
79) Terphenyl-d14	13.027	244	2433385	86.184	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	196802	35.353	ng	# 100
3) Pyridine	3.604	79	316670	21.549	ng	# 92
4) n-Nitrosodimethylamine	3.540	42	270213	36.745	ng	# 33
6) Aniline	6.581	93	194964	11.376	ng	# 91
8) 2-Chlorophenol	6.704	128	471979	41.011	ng	83
9) Benzaldehyde	6.469	77	260530	25.444	ng	93
10) Phenol	6.563	94	544470	35.634	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	512194	42.564	ng	88
12) 1,3-Dichlorobenzene	6.857	146	500819	37.554	ng	98
13) 1,4-Dichlorobenzene	6.934	146	508563	38.272	ng	98
14) 1,2-Dichlorobenzene	7.087	146	485927	38.869	ng	98
15) Benzyl Alcohol	7.057	79	475564	42.333	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	928612	38.479	ng	96
17) 2-Methylphenol	7.169	107	394156	40.771	ng	94
18) Hexachloroethane	7.428	117	181243	38.950	ng	# 88
19) n-Nitroso-di-n-propyla...	7.328	70	357001	40.680	ng	# 77
20) 3+4-Methylphenols	7.322	107	460316	37.932	ng	# 64
22) Acetophenone	7.328	105	675551	38.509	ng	# 91
24) Nitrobenzene	7.498	77	562316	38.115	ng	# 88
25) Isophorone	7.739	82	996571	38.154	ng	# 91
26) 2-Nitrophenol	7.816	139	262935	44.633	ng	# 83
27) 2,4-Dimethylphenol	7.851	122	405069	39.277	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	622528	43.046	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	426757	40.575	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	430322	37.520	ng	94
31) Naphthalene	8.222	128	1294631	37.086	ng	99
32) Benzoic acid	7.969	122	236520	33.790	ng	# 82
33) 4-Chloroaniline	8.269	127	122472	8.899	ng	# 93
34) Hexachlorobutadiene	8.334	225	274973	37.600	ng	100
35) Caprolactam	8.645	113	112184m	41.180	ng	
36) 4-Chloro-3-methylphenol	8.751	107	468198	43.605	ng	92
37) 2-Methylnaphthalene	8.910	142	918829	39.831	ng	99
38) 1-Methylnaphthalene	9.010	142	849787	39.449	ng	97
40) 1,2,4,5-Tetrachloroben...	9.075	216	465241	37.151	ng	97
41) Hexachlorocyclopentadiene	9.063	237	480177	72.982	ng	97
43) 2,4,6-Trichlorophenol	9.186	196	334231	37.905	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	369771	39.860	ng		94
46) 1,1'-Biphenyl	9.375	154	1088334	35.219	ng		98
47) 2-Chloronaphthalene	9.398	162	903640	35.984	ng		98
48) 2-Nitroaniline	9.498	65	346126	44.465	ng	#	84
49) Acenaphthylene	9.816	152	1406232	38.429	ng		98
50) Dimethylphthalate	9.675	163	1144355	43.082	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	251439	43.655	ng		92
52) Acenaphthene	9.986	154	828974	36.543	ng		98
53) 3-Nitroaniline	9.910	138	133554	21.502	ng	#	81
54) 2,4-Dinitrophenol	10.016	184	274780	120.778	ng	#	85
55) Dibenzofuran	10.163	168	1218848	37.334	ng		97
56) 4-Nitrophenol	10.075	139	370523	75.330	ng	#	75
57) 2,4-Dinitrotoluene	10.145	165	339747	48.738	ng	#	97
58) Fluorene	10.504	166	988183	40.941	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	301943	43.859	ng	#	84
60) Diethylphthalate	10.375	149	1113823	43.013	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	503218	41.235	ng		88
62) 4-Nitroaniline	10.528	138	248925	44.567	ng	#	82
63) Azobenzene	10.651	77	1130615	38.925	ng		90
65) 4,6-Dinitro-2-methylph...	10.551	198	177548	45.557	ng		91
66) n-Nitrosodiphenylamine	10.616	169	965548	36.620	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	353471	39.975	ng	#	88
68) Hexachlorobenzene	11.051	284	372467	40.947	ng	#	85
69) Atrazine	11.139	200	340444	44.997	ng		93
70) Pentachlorophenol	11.245	266	415003	78.135	ng		92
71) Phenanthrene	11.469	178	1524835	37.582	ng		98
72) Anthracene	11.522	178	1554367	38.867	ng		98
73) Carbazole	11.674	167	1390043	38.036	ng		99
74) Di-n-butylphthalate	11.998	149	1840552	42.441	ng		100
75) Fluoranthene	12.657	202	1642531	40.799	ng		98
77) Benzidine	12.774	184	81220	5.170	ng		98
78) Pyrene	12.886	202	1627532	42.181	ng		96
80) Butylbenzylphthalate	13.498	149	709334	46.786	ng		90
81) Benzo(a)anthracene	14.074	228	1255555	38.741	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	230805	22.974	ng		98
83) Chrysene	14.110	228	1217309	37.981	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	1003957	48.179	ng		100
85) Di-n-octyl phthalate	14.668	149	1447931	41.778	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	1432322	46.077	ng	#	89
88) Benzo(b)fluoranthene	15.139	252	1226632	38.911	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	1095113	37.228	ng		98
90) Benzo(a)pyrene	15.521	252	1149480	41.280	ng	#	96
91) Dibenzo(a,h)anthracene	17.127	278	1212169	45.112	ng	#	93
92) Benzo(g,h,i)perylene	17.568	276	1207197	46.594	ng	#	87

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

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