Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124925.D
Acq On : 3 Aug 2021 20:28
Operator : JU/CG
Sample : M3255-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC- TANK-COMPMS

Manual Integrations APPROVED
mohammad
8/4/2021 3:45:24 PM

Quant Time: Aug 04 05:07:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6158	20.000	ng	#-0.01
21) Naphthalene-d8	8.128	136	23578	20.000	ng	#-0.01
39) Acenaphthene-d10	9.886	164	12678	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	21278	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	13651	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	11453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	47809	131.452	ng	0.00
7) Phenol-d6	6.481	99	52232	114.556	ng	0.00
23) Nitrobenzene-d5	7.416	82	41310	104.278	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	16243	149.220	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	83682	96.946	ng	-0.01
79) Terphenyl-d14	12.957	244	84033	105.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	6379	50.176	ng	# 100
3) Pyridine	3.504	79	10878	36.145	ng	86
4) n-Nitrosodimethylamine	3.446	42	11764	49.429	ng	# 100
6) Aniline	6.510	93	8339	17.796	ng	# 93
8) 2-Chlorophenol	6.634	128	19841	48.367	ng	94
9) Benzaldehyde	6.404	77	10642	43.351	ng	96
10) Phenol	6.498	94	19015	43.549	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	19191	55.434	ng	95
12) 1,3-Dichlorobenzene	6.787	146	20991	47.081	ng	95
13) 1,4-Dichlorobenzene	6.863	146	20923	46.909	ng	95
14) 1,2-Dichlorobenzene	7.016	146	20548	47.680	ng	97
15) Benzyl Alcohol	6.992	79	16028	53.456	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	30018	51.516	ng	93
17) 2-Methylphenol	7.104	107	14805	49.541	ng	93
18) Hexachloroethane	7.357	117	8811	52.118	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	14224	58.422	ng	87
20) 3+4-Methylphenols	7.257	107	18633	47.191	ng	# 67
22) Acetophenone	7.257	105	29446	53.892	ng	# 89
24) Nitrobenzene	7.434	77	21191	54.561	ng	96
25) Isophorone	7.669	82	35627	50.861	ng	# 92
26) 2-Nitrophenol	7.745	139	10805	50.229	ng	# 88
27) 2,4-Dimethylphenol	7.781	122	16535	49.954	ng	85
28) bis(2-Chloroethoxy)met...	7.881	93	23676	58.163	ng	# 93
29) 2,4-Dichlorophenol	7.986	162	16689	47.607	ng	95
30) 1,2,4-Trichlorobenzene	8.069	180	18689	48.642	ng	99
31) Naphthalene	8.151	128	58433	47.489	ng	98
32) Benzoic acid	7.910	122	8931	34.859	ng	92
33) 4-Chloroaniline	8.198	127	3341	7.221	ng	# 83
34) Hexachlorobutadiene	8.263	225	11392	49.601	ng	99
35) Caprolactam	8.569	113	3661m	40.180	ng	
36) 4-Chloro-3-methylphenol	8.686	107	17410	52.067	ng	89
37) 2-Methylnaphthalene	8.845	142	39575	48.136	ng	98
38) 1-Methylnaphthalene	8.945	142	36230	46.517	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	18502	52.305	ng	96
41) Hexachlorocyclopentadiene	8.998	237	19787	94.547	ng	93
43) 2,4,6-Trichlorophenol	9.122	196	11709	46.629	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	12538	48.627	ng		93
46) 1,1'-Biphenyl	9.310	154	46081	48.694	ng		100
47) 2-Chloronaphthalene	9.333	162	37684	50.302	ng		98
48) 2-Nitroaniline	9.428	65	10376	52.895	ng		91
49) Acenaphthylene	9.751	152	57451	49.728	ng		99
50) Dimethylphthalate	9.610	163	44166	50.593	ng		97
51) 2,6-Dinitrotoluene	9.675	165	9230	47.859	ng		98
52) Acenaphthene	9.922	154	35237	46.010	ng		100
53) 3-Nitroaniline	9.839	138	3166	15.604	ng		93
54) 2,4-Dinitrophenol	9.951	184	8773	78.667	ng		89
55) Dibenzofuran	10.092	168	52343	47.829	ng		98
56) 4-Nitrophenol	10.004	139	12681	79.145	ng	#	78
57) 2,4-Dinitrotoluene	10.080	165	12462	47.617	ng		92
58) Fluorene	10.433	166	41534	49.472	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	9575	47.022	ng	#	95
60) Diethylphthalate	10.310	149	45005	49.577	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	20209	49.795	ng		92
62) 4-Nitroaniline	10.457	138	7969	39.694	ng		97
63) Azobenzene	10.586	77	41482	51.652	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	5926	43.005	ng		86
66) n-Nitrosodiphenylamine	10.545	169	34827	50.508	ng		97
67) 4-Bromophenyl-phenylether	10.916	248	12157	53.872	ng		93
68) Hexachlorobenzene	10.980	284	12931	55.174	ng		95
69) Atrazine	11.074	200	10895	51.969	ng		96
70) Pentachlorophenol	11.180	266	12622	86.609	ng		94
71) Phenanthrene	11.398	178	57839	50.540	ng		99
72) Anthracene	11.451	178	58496	51.128	ng		99
73) Carbazole	11.604	167	48739	45.447	ng		98
74) Di-n-butylphthalate	11.927	149	70338	49.241	ng		99
75) Fluoranthene	12.586	202	55856	47.828	ng		97
77) Benzidine	12.704	184	12389	32.184	ng		97
78) Pyrene	12.816	202	55484	51.340	ng		99
80) Butylbenzylphthalate	13.427	149	24553	47.435	ng		92
81) Benzo(a)anthracene	13.998	228	41151	46.117	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	4775	19.282	ng		94
83) Chrysene	14.039	228	40258	46.829	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	35631	46.733	ng		99
85) Di-n-octyl phthalate	14.592	149	54332	43.914	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	43795	66.234	ng		93
88) Benzo(b)fluoranthene	15.045	252	39334	48.779	ng		97
89) Benzo(k)fluoranthene	15.074	252	34279	46.524	ng	#	98
90) Benzo(a)pyrene	15.415	252	35100	52.107	ng	#	95
91) Dibenzo(a,h)anthracene	16.962	278	36216	62.566	ng		97
92) Benzo(g,h,i)perylene	17.392	276	37482	68.285	ng	#	90

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

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