Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
Data File : BF125366.D
Acq On : 4 Sep 2021 13:30
Operator : JU/CG
Sample : M3648-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211055-SI-COMPOSITE-4MS

Manual Integrations APPROVED
mohammad
9/7/2021 11:39:41 AM

Quant Time: Sep 06 08:27:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	146412	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	549385	20.000	ng		# 0.00
39) Acenaphthene-d10	9.939	164	260485	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	429019	20.000	ng		0.00
76) Chrysene-d12	14.068	240	287772	20.000	ng		# 0.00
86) Perylene-d12	15.562	264	331478	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	925261	95.653	ng		0.00
7) Phenol-d6	6.534	99	1139734	91.103	ng		0.00
23) Nitrobenzene-d5	7.463	82	756358	69.310	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	289653	111.396	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1219196	65.233	ng		0.00
79) Terphenyl-d14	13.010	244	1051467	58.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	194501	40.749	ng	#	100
3) Pyridine	3.522	79	451104	35.800	ng	#	91
4) n-Nitrosodimethylamine	3.481	42	245882	38.996	ng	#	28
6) Aniline	6.563	93	483872	32.927	ng	#	95
8) 2-Chlorophenol	6.687	128	406987	41.244	ng		83
9) Benzaldehyde	6.451	77	291342	33.184	ng		94
10) Phenol	6.545	94	542959	41.443	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	432002	41.868	ng		86
12) 1,3-Dichlorobenzene	6.840	146	475891	41.617	ng		96
13) 1,4-Dichlorobenzene	6.916	146	485773	42.635	ng		98
14) 1,2-Dichlorobenzene	7.069	146	461552	43.057	ng		99
15) Benzyl Alcohol	7.039	79	379103	39.357	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	785686	37.969	ng		95
17) 2-Methylphenol	7.151	107	345986	41.739	ng		96
18) Hexachloroethane	7.410	117	170293	42.682	ng	#	88
19) n-Nitroso-di-n-propyla...	7.310	70	290209	38.567	ng	#	77
20) 3+4-Methylphenols	7.304	107	386169	37.112	ng	#	72
22) Acetophenone	7.310	105	562745	39.801	ng	#	93
24) Nitrobenzene	7.481	77	465596	39.156	ng		89
25) Isophorone	7.722	82	793707	37.703	ng	#	90
26) 2-Nitrophenol	7.798	139	219024	46.130	ng	#	83
27) 2,4-Dimethylphenol	7.834	122	342275	41.178	ng		91
28) bis(2-Chloroethoxy)met...	7.928	93	505448	43.363	ng	#	97
29) 2,4-Dichlorophenol	8.039	162	338530	39.935	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	380787	41.193	ng		93
31) Naphthalene	8.204	128	1109451	39.432	ng		99
32) Benzoic acid	7.951	122	199517	35.365	ng	#	85
33) 4-Chloroaniline	8.251	127	184646	16.647	ng	#	94
34) Hexachlorobutadiene	8.316	225	245626	41.672	ng		99
35) Caprolactam	8.622	113	94871m	43.208	ng		
36) 4-Chloro-3-methylphenol	8.733	107	346706	40.063	ng		90
37) 2-Methylnaphthalene	8.892	142	743483	39.989	ng		98
38) 1-Methylnaphthalene	8.992	142	688943	39.681	ng		93
40) 1,2,4,5-Tetrachloroben...	9.063	216	376422	44.230	ng		98
41) Hexachlorocyclopentadiene	9.045	237	383842	85.846	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	246837	41.192	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	260751	41.360	ng		92
46) 1,1'-Biphenyl	9.357	154	840282	40.013	ng		98
47) 2-Chloronaphthalene	9.386	162	697932	40.897	ng		96
48) 2-Nitroaniline	9.480	65	230310	43.536	ng		84
49) Acenaphthylene	9.804	152	1033758	41.570	ng		98
50) Dimethylphthalate	9.657	163	760769	42.145	ng	#	97
51) 2,6-Dinitrotoluene	9.722	165	163622	41.802	ng	#	84
52) Acenaphthene	9.975	154	678555m	44.015	ng		
53) 3-Nitroaniline	9.892	138	98446	23.322	ng	#	79
54) 2,4-Dinitrophenol	9.998	184	150544	97.369	ng	#	81
55) Dibenzofuran	10.145	168	873136	39.354	ng		98
56) 4-Nitrophenol	10.057	139	250133	74.830	ng	#	78
57) 2,4-Dinitrotoluene	10.128	165	213344	45.035	ng	#	96
58) Fluorene	10.486	166	683815	41.689	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	192872	41.225	ng	#	84
60) Diethylphthalate	10.357	149	709930	40.341	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	353483	42.622	ng		89
62) 4-Nitroaniline	10.504	138	160721	42.342	ng	#	81
63) Azobenzene	10.639	77	745166	37.751	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	102251	45.032	ng		90
66) n-Nitrosodiphenylamine	10.598	169	623132	40.564	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	226728	44.010	ng		92
68) Hexachlorobenzene	11.033	284	242082	45.678	ng	#	87
69) Atrazine	11.122	200	195887	44.438	ng		94
70) Pentachlorophenol	11.233	266	235358	76.056	ng		91
71) Phenanthrene	11.451	178	965259	40.833	ng		98
72) Anthracene	11.504	178	988828	42.439	ng		99
73) Carbazole	11.657	167	826526	38.818	ng		99
74) Di-n-butylphthalate	11.980	149	1020399	40.385	ng		99
75) Fluoranthene	12.639	202	965611	41.167	ng		97
77) Benzidine	12.763	184	492560	49.009	ng		98
78) Pyrene	12.869	202	1005162	40.719	ng		97
80) Butylbenzylphthalate	13.480	149	379765	39.152	ng		90
81) Benzo(a)anthracene	14.057	228	863211	41.632	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	205240	31.933	ng		98
83) Chrysene	14.092	228	861671	42.022	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	540435	40.539	ng	#	98
85) Di-n-octyl phthalate	14.651	149	924852	41.711	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1179795	49.405	ng	#	90
88) Benzo(b)fluoranthene	15.121	252	961515	39.704	ng	#	95
89) Benzo(k)fluoranthene	15.151	252	904473	40.024	ng		99
90) Benzo(a)pyrene	15.498	252	948148	44.323	ng	#	97
91) Dibenzo(a,h)anthracene	17.092	278	985052	47.720	ng	#	95
92) Benzo(g,h,i)perylene	17.539	276	1013177	50.905	ng	#	87

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

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