Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125671.D
Acq On : 27 Sep 2021 14:40
Operator : JU/CG
Sample : M3938-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)MS

Manual Integrations APPROVED
mohammad
9/28/2021 1:40:04 PM

Quant Time: Sep 27 16:28:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	208450	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	853813	20.000	ng		# 0.00
39) Acenaphthene-d10	9.928	164	455945	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	776252	20.000	ng		# 0.00
76) Chrysene-d12	14.051	240	401575	20.000	ng		# 0.00
86) Perylene-d12	15.521	264	405823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1227796	97.044	ng		0.01
7) Phenol-d6	6.516	99	1524995	89.655	ng		0.00
23) Nitrobenzene-d5	7.451	82	910338	74.368	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	439651	103.421	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1812689	68.902	ng		0.00
79) Terphenyl-d14	12.992	244	1514612	65.316	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	221312	41.102	ng	#	100
3) Pyridine	3.522	79	494139	34.696	ng	#	71
4) n-Nitrosodimethylamine	3.475	42	224726	42.526	ng	#	1
6) Aniline	6.551	93	524352	26.698	ng		94
8) 2-Chlorophenol	6.675	128	636072	44.321	ng		99
9) Benzaldehyde	6.440	77	367099	49.389	ng		94
10) Phenol	6.528	94	719891m	41.869	ng		
11) bis(2-Chloroethyl)ether	6.622	93	570722	42.712	ng		98
12) 1,3-Dichlorobenzene	6.834	146	667589m	42.127	ng		
13) 1,4-Dichlorobenzene	6.910	146	680420	42.202	ng		98
14) 1,2-Dichlorobenzene	7.063	146	646876	42.525	ng		99
15) Benzyl Alcohol	7.028	79	484515	41.065	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	700324	41.175	ng		88
17) 2-Methylphenol	7.139	107	489826	41.621	ng		98
18) Hexachloroethane	7.404	117	235208	44.944	ng		92
19) n-Nitroso-di-n-propyla...	7.304	70	380479	39.287	ng	#	68
20) 3+4-Methylphenols	7.292	107	600072	40.557	ng		88
22) Acetophenone	7.298	105	799057	41.243	ng	#	90
24) Nitrobenzene	7.469	77	588462	47.259	ng		95
25) Isophorone	7.710	82	1049876	38.297	ng		94
26) 2-Nitrophenol	7.786	139	317410	48.519	ng		92
27) 2,4-Dimethylphenol	7.822	122	557084	45.693	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	686776	44.415	ng		99
29) 2,4-Dichlorophenol	8.028	162	525173	43.363	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	550188	41.732	ng		97
31) Naphthalene	8.198	128	1765946	40.282	ng		99
32) Benzoic acid	7.939	122	382656	43.757	ng		99
33) 4-Chloroaniline	8.239	127	94639	5.146	ng		97
34) Hexachlorobutadiene	8.316	225	303109	41.696	ng		99
35) Caprolactam	8.610	113	165807m	41.953	ng		
36) 4-Chloro-3-methylphenol	8.722	107	527444	41.561	ng		99
37) 2-Methylnaphthalene	8.886	142	1206859	40.589	ng		100
38) 1-Methylnaphthalene	8.986	142	1114421	39.659	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	490159	41.336	ng		99
41) Hexachlorocyclopentadiene	9.045	237	576109	114.828	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	376092	45.227	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	392501	43.718	ng		94
46) 1,1'-Biphenyl	9.351	154	1364672	40.591	ng		98
47) 2-Chloronaphthalene	9.375	162	1143322	41.075	ng		98
48) 2-Nitroaniline	9.469	65	289361	44.414	ng		86
49) Acenaphthylene	9.792	152	1728164	41.243	ng		98
50) Dimethylphthalate	9.651	163	1269144	41.319	ng		98
51) 2,6-Dinitrotoluene	9.710	165	282549	45.395	ng	#	89
52) Acenaphthene	9.963	154	1153307	43.899	ng		98
53) 3-Nitroaniline	9.875	138	141700	21.685	ng		94
54) 2,4-Dinitrophenol	9.980	184	258627	85.681	ng	#	79
55) Dibenzofuran	10.133	168	1549240	39.305	ng		97
56) 4-Nitrophenol	10.033	139	493951	87.301	ng		88
57) 2,4-Dinitrotoluene	10.110	165	376048	48.166	ng	#	88
58) Fluorene	10.480	166	1168161	38.076	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	305679	44.239	ng	#	89
60) Diethylphthalate	10.351	149	1212560	40.947	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	536495	39.341	ng		89
62) 4-Nitroaniline	10.492	138	279431	40.248	ng	#	76
63) Azobenzene	10.627	77	1096796	38.360	ng		86
65) 4,6-Dinitro-2-methylph...	10.516	198	161124	43.651	ng	#	81
66) n-Nitrosodiphenylamine	10.586	169	1054135	39.558	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	341820	41.959	ng		97
68) Hexachlorobenzene	11.027	284	397467	41.571	ng	#	81
69) Atrazine	11.110	200	326255	46.175	ng		94
70) Pentachlorophenol	11.216	266	434122	85.909	ng		94
71) Phenanthrene	11.439	178	1689451	38.812	ng		97
72) Anthracene	11.492	178	1713004	39.825	ng		98
73) Carbazole	11.639	167	1566584	37.007	ng		99
74) Di-n-butylphthalate	11.974	149	1736102	40.680	ng		99
75) Fluoranthene	12.621	202	1580979	33.983	ng		96
77) Benzidine	12.739	184	474931	45.019	ng		97
78) Pyrene	12.851	202	1578691	43.500	ng		96
80) Butylbenzylphthalate	13.468	149	541896	45.090	ng		98
81) Benzo(a)anthracene	14.039	228	1076660	39.470	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	273299	34.722	ng		98
83) Chrysene	14.074	228	1085324	39.647	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	598641	43.513	ng		100
85) Di-n-octyl phthalate	14.639	149	1004826	49.797	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.009	276	1236499	44.886	ng		96
88) Benzo(b)fluoranthene	15.092	252	1074187	37.780	ng		97
89) Benzo(k)fluoranthene	15.121	252	1057089	38.805	ng		98
90) Benzo(a)pyrene	15.462	252	1057304	41.775	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	1028057	44.650	ng		97
92) Benzo(g,h,i)perylene	17.462	276	1060904	45.116	ng		93

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

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