Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125621.D
Acq On : 24 Sep 2021 14:08
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/27/2021 2:58:52 PM

Quant Time: Sep 24 14:32:43 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 13:05:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	225959	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	856977	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	460002	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	768141	20.00	ng	0.00
76) Chrysene-d12	14.051	240	413496	20.00	ng	0.00
86) Perylene-d12	15.521	264	442111	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1866976	130.66	ng	0.00
7) Phenol-d6	6.528	99	2460996	133.58	ng	0.02
23) Nitrobenzene-d5	7.463	82	2061348	153.42	ng	0.01
42) 2,4,6-Tribromophenol	10.721	330	668777	148.43	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	13.004	244	3089613	120.66	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	408096	70.84	ng	# 100
3) Pyridine	3.440	79	1108426	71.80	ng	# 72
4) n-Nitrosodimethylamine	3.404	42	423324	69.53	ng	# 1
6) Aniline	6.557	93	1533081	72.28	ng	95
8) 2-Chlorophenol	6.686	128	1077108	66.01	ng	96
10) Phenol	6.539	94	1250002m	66.66	ng	
11) bis(2-Chloroethyl)ether	6.633	93	986846	65.83	ng	99
12) 1,3-Dichlorobenzene	6.839	146	1146956	65.40	ng	96
13) 1,4-Dichlorobenzene	6.910	146	1157391	65.29	ng	97
14) 1,2-Dichlorobenzene	7.069	146	1050611	63.46	ng	99
15) Benzyl Alcohol	7.039	79	885578	67.17	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1249417	60.57	ng	88
17) 2-Methylphenol	7.139	107	901189	69.19	ng	97
18) Hexachloroethane	7.410	117	403783	63.97	ng	92
19) n-Nitroso-di-n-propyla...	7.322	70	710585	64.44	ng	# 68
20) 3+4-Methylphenols	7.304	107	1018842	62.91	ng	# 85
22) Acetophenone	7.310	105	1313120	66.23	ng	# 90
24) Nitrobenzene	7.480	77	1064320	74.75	ng	96
25) Isophorone	7.722	82	2069149	71.56	ng	94
26) 2-Nitrophenol	7.792	139	562943	87.81	ng	92
27) 2,4-Dimethylphenol	7.827	122	914297	71.16	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	1124527	67.69	ng	98
29) 2,4-Dichlorophenol	8.033	162	948504	73.02	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	954591	69.73	ng	95
31) Naphthalene	8.198	128	2874428	65.31	ng	97
32) Benzoic acid	7.975	122	799207	102.44	ng	99
33) 4-Chloroaniline	8.245	127	1348988	74.78	ng	98
34) Hexachlorobutadiene	8.316	225	518007	67.11	ng	99
35) Caprolactam	8.639	113	314648m	88.33	ng	
36) 4-Chloro-3-methylphenol	8.727	107	960274	75.26	ng	99
37) 2-Methylnaphthalene	8.892	142	1991437	66.80	ng	97
38) 1-Methylnaphthalene	8.992	142	1886473	67.45	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	835122	67.43	ng	98
41) Hexachlorocyclopentadiene	9.045	237	416441	60.12	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	665142	71.28	ng	97
44) 2,4,5-Trichlorophenol	9.204	196	718793	73.40	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	2215878	63.93	ng		94
47) 2-Chloronaphthalene	9.380	162	1920218	66.70	ng		99
48) 2-Nitroaniline	9.474	65	550069	89.55	ng		90
49) Acenaphthylene	9.798	152	2790675	65.96	ng		95
50) Dimethylphthalate	9.663	163	2161078	68.26	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	518378	82.30	ng		96
52) Acenaphthene	9.969	154	1829652	68.51	ng		97
53) 3-Nitroaniline	9.886	138	584599	87.39	ng		89
54) 2,4-Dinitrophenol	9.986	184	231716	102.12	ng	#	77
55) Dibenzofuran	10.139	168	2615895	66.01	ng		98
56) 4-Nitrophenol	10.039	139	498146	91.80	ng		88
57) 2,4-Dinitrotoluene	10.121	165	654322	86.69	ng	#	85
59) 2,3,4,6-Tetrachlorophenol	10.251	232	548383	74.55	ng	#	90
60) Diethylphthalate	10.357	149	2070617	66.36	ng		98
62) 4-Nitroaniline	10.510	138	560287	92.68	ng	#	76
63) Azobenzene	10.633	77	1966963	64.88	ng		86
65) 4,6-Dinitro-2-methylph...	10.527	198	332723	89.23	ng	#	83
66) n-Nitrosodiphenylamine	10.592	169	1861796	66.76	ng		94
67) 4-Bromophenyl-phenylether	10.963	248	589628	67.17	ng		100
68) Hexachlorobenzene	11.027	284	676665	68.40	ng	#	90
69) Atrazine	11.116	200	462839	61.71	ng		95
70) Pentachlorophenol	11.216	266	421209	74.68	ng		95
71) Phenanthrene	11.445	178	2794108m	64.76	ng		
72) Anthracene	11.498	178	2731159	63.50	ng	#	94
73) Carbazole	11.645	167	2725336	67.00	ng		96
74) Di-n-butylphthalate	11.974	149	2788019	57.75	ng		98
78) Pyrene	12.857	202	2627275	67.80	ng	#	92
80) Butylbenzylphthalate	13.468	149	980546	62.62	ng		95
81) Benzo(a)anthracene	14.039	228	1987030	70.59	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	593568	68.82	ng		96
83) Chrysene	14.080	228	2014712	70.86	ng		95
84) Bis(2-ethylhexyl)phtha...	14.027	149	1101031	57.52	ng		100
85) Di-n-octyl phthalate	14.645	149	1936318	60.84	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.021	276	2428715	76.53	ng		97
88) Benzo(b)fluoranthene	15.098	252	2167298	67.03	ng		98
89) Benzo(k)fluoranthene	15.127	252	2038129m	68.92	ng		
90) Benzo(a)pyrene	15.468	252	2001354	71.12	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	1981469	73.67	ng		98
92) Benzo(g,h,i)perylene	17.480	276	2093231	78.85	ng		92

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

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