Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125528.D
Acq On : 21 Sep 2021 10:12
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
9/22/2021 4:41:26 PM

Quant Time: Sep 21 13:27:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:26:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	201334	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	839571	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	453857	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	765982	20.000	ng		0.00
76) Chrysene-d12	14.057	240	537167	20.000	ng		0.00
86) Perylene-d12	15.539	264	418231	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	149525	11.800	ng		-0.01
7) Phenol-d6	6.504	99	191348	11.362	ng		-0.02
23) Nitrobenzene-d5	7.451	82	120771	7.102	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	45948	8.312	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	359269	11.616	ng		-0.01
79) Terphenyl-d14	13.004	244	381601	11.519	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	28203	4.507	ng	#	100
3) Pyridine	3.451	79	75404	4.648	ng	#	72
4) n-Nitrosodimethylamine	3.381	42	29531	3.657	ng	#	1
6) Aniline	6.551	93	104481	5.403	ng		94
8) 2-Chlorophenol	6.675	128	82578	6.215	ng		99
10) Phenol	6.516	94	95940	5.027	ng		88
11) bis(2-Chloroethyl)ether	6.622	93	76072	5.532	ng		98
12) 1,3-Dichlorobenzene	6.839	146	88500m	5.770	ng		
13) 1,4-Dichlorobenzene	6.916	146	90345	5.843	ng		98
14) 1,2-Dichlorobenzene	7.069	146	86968	5.868	ng		98
15) Benzyl Alcohol	7.022	79	65833m	5.458	ng		
16) 2,2'-oxybis(1-Chloropr...	7.169	45	104444	4.135	ng		92
17) 2-Methylphenol	7.133	107	64331	5.728	ng		96
18) Hexachloroethane	7.416	117	31467	5.781	ng	#	85
19) n-Nitroso-di-n-propyla...	7.298	70	57293	5.661	ng	#	70
20) 3+4-Methylphenols	7.281	107	84882	6.300	ng	#	76
22) Acetophenone	7.298	105	110485	5.340	ng	#	90
24) Nitrobenzene	7.469	77	67185	3.736	ng		92
25) Isophorone	7.710	82	155512	4.793	ng		93
26) 2-Nitrophenol	7.786	139	22458	2.772	ng	#	88
27) 2,4-Dimethylphenol	7.822	122	70562	6.027	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	89244	5.080	ng	#	96
29) 2,4-Dichlorophenol	8.022	162	66393	4.959	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	74211	5.194	ng		98
31) Naphthalene	8.198	128	251192	6.007	ng		98
33) 4-Chloroaniline	8.239	127	98491	5.724	ng		99
34) Hexachlorobutadiene	8.322	225	41245	4.432	ng		98
35) Caprolactam	8.563	113	18172	4.481	ng		87
36) 4-Chloro-3-methylphenol	8.710	107	68161	4.797	ng		99
37) 2-Methylnaphthalene	8.892	142	171104	5.894	ng		100
38) 1-Methylnaphthalene	8.992	142	159732	5.904	ng		96
40) 1,2,4,5-Tetrachloroben...	9.057	216	66995	4.618	ng		100
41) Hexachlorocyclopentadiene	9.051	237	33740	7.277	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	47234	4.744	ng		94
44) 2,4,5-Trichlorophenol	9.198	196	50562	4.713	ng	#	91
46) 1,1'-Biphenyl	9.351	154	196406	5.771	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.375	162	160046	5.695	ng		97
48)	2-Nitroaniline	9.463	65	22206	2.257	ng		92
49)	Acenaphthylene	9.792	152	238534	5.739	ng		99
50)	Dimethylphthalate	9.645	163	176746	5.462	ng		99
51)	2,6-Dinitrotoluene	9.704	165	25057	3.446	ng		93
52)	Acenaphthene	9.969	154	149628	5.940	ng		97
53)	3-Nitroaniline	9.874	138	27577	3.457	ng	#	90
55)	Dibenzofuran	10.139	168	229992	6.112	ng		91
56)	4-Nitrophenol	10.010	139	21974	4.042	ng		84
57)	2,4-Dinitrotoluene	10.104	165	25417	2.716	ng	#	93
58)	Fluorene	10.480	166	177044	5.925	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.251	232	38453	4.486	ng	#	90
60)	Diethylphthalate	10.351	149	174186	5.591	ng		98
61)	4-Chlorophenyl-phenyle...	10.474	204	81835	5.444	ng		88
62)	4-Nitroaniline	10.474	138	25179	3.110	ng		86
63)	Azobenzene	10.633	77	172171	5.184	ng		85
66)	n-Nitrosodiphenylamine	10.586	169	155626	6.007	ng		97
67)	4-Bromophenyl-phenylether	10.963	248	48598	5.230	ng		97
68)	Hexachlorobenzene	11.027	284	53817	5.407	ng		89
69)	Atrazine	11.110	200	44449	5.735	ng		92
70)	Pentachlorophenol	11.216	266	26531	5.884	ng		91
71)	Phenanthrene	11.445	178	257070	6.272	ng		99
72)	Anthracene	11.492	178	253917	6.176	ng		99
73)	Carbazole	11.645	167	236917	6.180	ng		97
74)	Di-n-butylphthalate	11.980	149	291372	6.653	ng	#	98
75)	Fluoranthene	12.627	202	256146	5.729	ng		96
78)	Pyrene	12.857	202	259272	5.843	ng		98
80)	Butylbenzylphthalate	13.480	149	98283	5.546	ng		94
81)	Benzo(a)anthracene	14.045	228	206682	5.335	ng		98
82)	3,3'-Dichlorobenzidine	14.004	252	57946	4.915	ng		98
83)	Chrysene	14.080	228	200084	5.336	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.045	149	126973	5.410	ng		98
85)	Di-n-octyl phthalate	14.657	149	190651	5.045	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	17.015	276	132983	4.902	ng		99
88)	Benzo(b)fluoranthene	15.098	252	174139	5.490	ng		98
89)	Benzo(k)fluoranthene	15.127	252	155025	5.311	ng	#	97
90)	Benzo(a)pyrene	15.468	252	142564	5.298	ng		98
91)	Dibenzo(a,h)anthracene	17.039	278	113875	4.923	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	109495	4.813	ng		95

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

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