Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126195.D
Acq On : 15 Dec 2021 15:10
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 16 11:43:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 11:43:03 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	233278	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	990059	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	471874	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	748743	20.000	ng	#	0.00
76) Chrysene-d12	13.968	240	435569	20.000	ng		0.00
86) Perylene-d12	15.410	264	354234	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	176978	11.172	ng		-0.01
7) Phenol-d6	6.422	99	224056	11.139	ng		-0.02
23) Nitrobenzene-d5	7.369	82	189443	10.363	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	39223	10.343	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	321390	11.946	ng		0.00
79) Terphenyl-d14	12.916	244	279580	11.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	39158	5.064	ng	#	100
3) Pyridine	3.287	79	98270	4.786	ng	#	74
4) n-Nitrosodimethylamine	3.204	42	38270	4.849	ng	#	5
6) Aniline	6.469	93	130885	5.123	ng		97
8) 2-Chlorophenol	6.592	128	88572	5.514	ng		94
9) Benzaldehyde	6.357	77	71757	5.912	ng		95
10) Phenol	6.440	94	127090m	5.629	ng		
11) bis(2-Chloroethyl)ether	6.545	93	93562	5.339	ng		99
12) 1,3-Dichlorobenzene	6.757	146	89170	5.503	ng		97
13) 1,4-Dichlorobenzene	6.834	146	92889	5.677	ng		98
14) 1,2-Dichlorobenzene	6.987	146	90893	6.008	ng		98
15) Benzyl Alcohol	6.945	79	77970	5.310	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.092	45	147976	5.160	ng		93
17) 2-Methylphenol	7.057	107	73900	5.251	ng		96
18) Hexachloroethane	7.328	117	33392	5.188	ng		91
19) n-Nitroso-di-n-propyla...	7.216	70	67448	5.462	ng	#	76
20) 3+4-Methylphenols	7.204	107	98388	5.914	ng	#	81
22) Acetophenone	7.216	105	130920	5.746	ng		93
24) Nitrobenzene	7.386	77	93584	5.128	ng		90
25) Isophorone	7.628	82	171985	4.982	ng	#	85
26) 2-Nitrophenol	7.710	139	36100	4.388	ng	#	85
27) 2,4-Dimethylphenol	7.745	122	75852	5.425	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	120284	5.300	ng	#	95
29) 2,4-Dichlorophenol	7.945	162	63612	5.122	ng		93
30) 1,2,4-Trichlorobenzene	8.039	180	70784	5.510	ng		97
31) Naphthalene	8.116	128	260797	5.633	ng		99
33) 4-Chloroaniline	8.163	127	99480	5.146	ng		97
34) Hexachlorobutadiene	8.239	225	33703	5.342	ng		98
35) Caprolactam	8.481	113	14487	4.695	ng		93
36) 4-Chloro-3-methylphenol	8.633	107	72289	4.935	ng		94
37) 2-Methylnaphthalene	8.810	142	160734	5.637	ng		96
38) 1-Methylnaphthalene	8.910	142	154826	5.595	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	56922	5.589	ng		97
41) Hexachlorocyclopentadiene	8.969	237	27180	4.660	ng		98
43) 2,4,6-Trichlorophenol	9.081	196	41528	5.184	ng		97
44) 2,4,5-Trichlorophenol	9.116	196	42681	5.145	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.275	154	198712	5.695	ng		94
47)	2-Chloronaphthalene	9.292	162	147545	5.620	ng		97
48)	2-Nitroaniline	9.386	65	43229	4.512	ng		94
49)	Acenaphthylene	9.710	152	226022	5.635	ng		97
50)	Dimethylphthalate	9.569	163	164659	5.509	ng		99
51)	2,6-Dinitrotoluene	9.628	165	31722	4.903	ng		91
52)	Acenaphthene	9.880	154	145886	5.608	ng		98
53)	3-Nitroaniline	9.792	138	40498	4.925	ng	#	82
55)	Dibenzofuran	10.051	168	203308	5.740	ng		98
56)	4-Nitrophenol	9.933	139	22199	3.737	ng	#	77
57)	2,4-Dinitrotoluene	10.028	165	39551	4.792	ng	#	90
58)	Fluorene	10.398	166	152383	5.943	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.169	232	32750	5.324	ng	#	98
60)	Diethylphthalate	10.269	149	168821	5.620	ng		99
61)	4-Chlorophenyl-phenyle...	10.392	204	69673	6.035	ng		94
62)	4-Nitroaniline	10.392	138	32914	4.771	ng	#	71
63)	Azobenzene	10.551	77	199585	5.486	ng		83
66)	n-Nitrosodiphenylamine	10.504	169	132838	5.528	ng		98
67)	4-Bromophenyl-phenylether	10.880	248	37433	5.327	ng		98
68)	Hexachlorobenzene	10.945	284	42850	5.302	ng		90
69)	Atrazine	11.027	200	24691	5.607	ng		96
70)	Pentachlorophenol	11.133	266	19309	4.307	ng		94
71)	Phenanthrene	11.357	178	229215	5.931	ng		100
72)	Anthracene	11.404	178	222541	5.737	ng		98
73)	Carbazole	11.557	167	206660	5.657	ng		98
74)	Di-n-butylphthalate	11.898	149	268807	5.805	ng		99
75)	Fluoranthene	12.539	202	203395	5.842	ng		91
77)	Benzidine	12.663	184	38080	5.545	ng	#	94
78)	Pyrene	12.769	202	206852	5.169	ng		98
80)	Butylbenzylphthalate	13.398	149	86453	4.591	ng	#	84
81)	Benzo(a)anthracene	13.957	228	134450	5.211	ng		98
82)	3,3'-Dichlorobenzidine	13.921	252	54392	4.615	ng	#	95
83)	Chrysene	13.992	228	137271	5.121	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.963	149	106587	5.065	ng		99
85)	Di-n-octyl phthalate	14.568	149	161661	4.310	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.821	276	107512	4.550	ng	#	92
88)	Benzo(b)fluoranthene	14.986	252	109111m	5.126	ng		
89)	Benzo(k)fluoranthene	15.015	252	101740	4.997	ng	#	94
90)	Benzo(a)pyrene	15.345	252	84431	4.773	ng	#	92
91)	Dibenzo(a,h)anthracene	16.839	278	85007	4.426	ng	#	95
92)	Benzo(g,h,i)perylene	17.245	276	88770	4.467	ng	#	91

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

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