Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124432.D
Acq On : 23 Jun 2021 15:42
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:49 AM

Quant Time: Jun 23 18:06:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:03:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	33405	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	119742	20.000	ng	#	0.00
39) Acenaphthene-d10	9.757	164	69680	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	122594	20.000	ng		0.00
76) Chrysene-d12	13.898	240	86941	20.000	ng		0.00
86) Perylene-d12	15.333	264	74976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	88538	39.898	ng		0.00
7) Phenol-d6	6.369	99	110345	36.994	ng		0.00
23) Nitrobenzene-d5	7.287	82	116727	38.663	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	31268	31.674	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	228618	41.287	ng		0.00
79) Terphenyl-d14	12.833	244	240585	37.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.357	88	19081	19.648	ng	#	85
3) Pyridine	3.081	79	41357m	16.628	ng		
4) n-Nitrosodimethylamine	3.022	42	22068	14.932	ng	#	71
6) Aniline	6.381	93	62901	18.463	ng	#	22
8) 2-Chlorophenol	6.510	128	46521	18.840	ng		97
9) Benzaldehyde	6.269	77	25857	19.502	ng		92
10) Phenol	6.381	94	59391	18.424	ng	#	46
11) bis(2-Chloroethyl)ether	6.457	93	43670	18.583	ng		97
12) 1,3-Dichlorobenzene	6.657	146	55937	19.378	ng		94
13) 1,4-Dichlorobenzene	6.734	146	60909	21.036	ng		95
14) 1,2-Dichlorobenzene	6.887	146	56214	20.295	ng		97
15) Benzyl Alcohol	6.869	79	48133	17.900	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.992	45	56143	15.315	ng	#	17
17) 2-Methylphenol	6.987	107	39087	19.473	ng		94
18) Hexachloroethane	7.228	117	21719	19.048	ng	#	81
19) n-Nitroso-di-n-propyla...	7.134	70	38529	18.298	ng	#	83
20) 3+4-Methylphenols	7.145	107	49746	18.704	ng	#	72
22) Acetophenone	7.134	105	68277	20.002	ng	#	89
24) Nitrobenzene	7.304	77	59819	19.750	ng		96
25) Isophorone	7.540	82	99403	18.271	ng		99
26) 2-Nitrophenol	7.622	139	27410	20.260	ng		94
27) 2,4-Dimethylphenol	7.669	122	37332	19.568	ng		86
28) bis(2-Chloroethoxy)met...	7.757	93	51810	19.209	ng		98
29) 2,4-Dichlorophenol	7.869	162	45216	20.483	ng		91
30) 1,2,4-Trichlorobenzene	7.945	180	48223	19.492	ng		95
31) Naphthalene	8.022	128	143188	20.001	ng		98
32) Benzoic acid	7.787	122	17046m	14.561	ng		
33) 4-Chloroaniline	8.081	127	54402	20.431	ng		92
34) Hexachlorobutadiene	8.139	225	32894	18.824	ng		95
35) Caprolactam	8.439	113	10948	18.052	ng	#	73
36) 4-Chloro-3-methylphenol	8.575	107	44547	18.444	ng	#	79
37) 2-Methylnaphthalene	8.716	142	98376	19.595	ng		98
38) 1-Methylnaphthalene	8.816	142	94608	20.166	ng		100
40) 1,2,4,5-Tetrachloroben...	8.881	216	51195	20.737	ng	#	95
43) 2,4,6-Trichlorophenol	9.004	196	31595	19.622	ng		93
44) 2,4,5-Trichlorophenol	9.051	196	31362	18.144	ng	#	91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.181	154	114697	19.499	ng		99
47)	2-Chloronaphthalene	9.204	162	98901	20.657	ng		91
48)	2-Nitroaniline	9.310	65	31528	18.247	ng		95
49)	Acenaphthylene	9.622	152	140705	20.218	ng		99
50)	Dimethylphthalate	9.486	163	112310	19.481	ng		98
51)	2,6-Dinitrotoluene	9.551	165	25539	19.321	ng	#	84
52)	Acenaphthene	9.792	154	88548	19.481	ng		94
53)	3-Nitroaniline	9.722	138	22662	18.318	ng		95
54)	2,4-Dinitrophenol	9.851	184	5622	10.098	ng	#	67
55)	Dibenzofuran	9.963	168	139280	19.578	ng		97
56)	4-Nitrophenol	9.916	139	10998	12.439	ng		91
57)	2,4-Dinitrotoluene	9.963	165	32352	18.558	ng	#	83
58)	Fluorene	10.310	166	106361	19.477	ng		89
59)	2,3,4,6-Tetrachlorophenol	10.092	232	22925	16.367	ng	#	96
60)	Diethylphthalate	10.186	149	110040	18.914	ng		96
61)	4-Chlorophenyl-phenyle...	10.298	204	54439	19.497	ng		99
62)	4-Nitroaniline	10.339	138	22449	18.047	ng		94
63)	Azobenzene	10.463	77	112034	18.473	ng		93
65)	4,6-Dinitro-2-methylph...	10.375	198	16109	16.351	ng	#	60
66)	n-Nitrosodiphenylamine	10.422	169	97879	21.013	ng		97
67)	4-Bromophenyl-phenylether	10.792	248	33537	19.930	ng		94
68)	Hexachlorobenzene	10.857	284	34796	18.257	ng		93
69)	Atrazine	10.951	200	25289	19.179	ng		92
70)	Pentachlorophenol	11.063	266	6393	7.163	ng		94
71)	Phenanthrene	11.269	178	162589	21.231	ng		96
72)	Anthracene	11.322	178	163405	21.187	ng		98
73)	Carbazole	11.486	167	141348	21.030	ng		98
74)	Di-n-butylphthalate	11.816	149	168752	19.537	ng		97
75)	Fluoranthene	12.463	202	159334	19.821	ng		98
77)	Benzidine	12.592	184	39583	21.205	ng	#	93
78)	Pyrene	12.692	202	164461	19.699	ng		97
80)	Butylbenzylphthalate	13.310	149	64932	19.173	ng		95
81)	Benzo(a)anthracene	13.886	228	127575	20.143	ng		99
82)	3,3'-Dichlorobenzidine	13.845	252	42064	22.639	ng		98
83)	Chrysene	13.921	228	127826	20.918	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.874	149	87792	21.792	ng		95
85)	Di-n-octyl phthalate	14.486	149	133861	24.897	ng	#	89
87)	Indeno(1,2,3-cd)pyrene	16.751	276	120256	22.153	ng		95
88)	Benzo(b)fluoranthene	14.921	252	123203	21.154	ng		97
89)	Benzo(k)fluoranthene	14.951	252	103005	18.682	ng		99
90)	Benzo(a)pyrene	15.274	252	105116	20.779	ng		97
91)	Dibenzo(a,h)anthracene	16.762	278	103465	22.041	ng		96
92)	Benzo(g,h,i)perylene	17.180	276	105167	22.713	ng		95

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

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