Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060321\
Data File : BF124121.D
Acq On : 3 Jun 2021 14:45
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/4/2021 2:48:23 PM

Quant Time: Jun 03 15:45:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 03 15:43:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	38630	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	147194	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	87625	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	160260	20.000	ng		# 0.00
76) Chrysene-d12	14.033	240	123415	20.000	ng		0.00
86) Perylene-d12	15.509	264	81808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	106251	38.618	ng		0.00
7) Phenol-d6	6.498	99	139265	39.019	ng		-0.01
23) Nitrobenzene-d5	7.428	82	147986	43.318	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	50153	47.653	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	283632	39.833	ng		0.00
79) Terphenyl-d14	12.974	244	336441	41.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	23549	19.489	ng		94
3) Pyridine	3.387	79	58802	18.856	ng		86
4) n-Nitrosodimethylamine	3.328	42	36211	17.877	ng		84
6) Aniline	6.528	93	80315	19.820	ng		94
8) 2-Chlorophenol	6.651	128	60112	20.993	ng		100
9) Benzaldehyde	6.416	77	32291	20.908	ng		95
10) Phenol	6.516	94	79229	21.963	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	55737	19.881	ng		91
12) 1,3-Dichlorobenzene	6.804	146	72662	21.784	ng		95
13) 1,4-Dichlorobenzene	6.881	146	71378	20.916	ng		99
14) 1,2-Dichlorobenzene	7.034	146	68009	21.326	ng		95
15) Benzyl Alcohol	7.004	79	66161	21.462	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	7.139	45	90503	16.035	ng		88
17) 2-Methylphenol	7.122	107	48992	21.101	ng	#	88
18) Hexachloroethane	7.381	117	27373	21.642	ng	#	78
19) n-Nitroso-di-n-propyla...	7.275	70	51820	21.486	ng	#	84
20) 3+4-Methylphenols	7.275	107	63792	20.858	ng	#	75
22) Acetophenone	7.275	105	84346	20.180	ng	#	94
24) Nitrobenzene	7.445	77	74910	21.445	ng		99
25) Isophorone	7.681	82	133301	20.283	ng		99
26) 2-Nitrophenol	7.763	139	32978	25.097	ng		91
27) 2,4-Dimethylphenol	7.798	122	47680	18.950	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	67667	20.477	ng		97
29) 2,4-Dichlorophenol	8.004	162	53067	20.837	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	60346	21.075	ng		97
31) Naphthalene	8.169	128	175152	20.107	ng		97
32) Benzoic acid	7.904	122	26780	19.393	ng		96
33) 4-Chloroaniline	8.216	127	64538	19.462	ng		95
34) Hexachlorobutadiene	8.286	225	42151	22.485	ng		94
35) Caprolactam	8.575	113	14866	21.439	ng	#	71
36) 4-Chloro-3-methylphenol	8.698	107	61847	22.206	ng		94
37) 2-Methylnaphthalene	8.863	142	122949	20.823	ng		97
38) 1-Methylnaphthalene	8.957	142	114248	20.736	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	63035	19.945	ng		97
41) Hexachlorocyclopentadiene	9.016	237	23041	11.463	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	41514	20.245	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	45846	21.521	ng	#	92
46) 1,1'-Biphenyl	9.322	154	152903	19.811	ng		99
47) 2-Chloronaphthalene	9.351	162	120197	19.609	ng		96
48) 2-Nitroaniline	9.445	65	45503	21.982	ng		100
49) Acenaphthylene	9.763	152	175803	19.410	ng		99
50) Dimethylphthalate	9.622	163	147271	21.048	ng		97
51) 2,6-Dinitrotoluene	9.686	165	32875	23.234	ng	#	79
52) Acenaphthene	9.939	154	115106m	18.565	ng		
53) 3-Nitroaniline	9.851	138	30920	21.988	ng		99
54) 2,4-Dinitrophenol	9.957	184	15251	24.117	ng		92
55) Dibenzofuran	10.110	168	180765	20.301	ng		97
56) 4-Nitrophenol	10.016	139	23456	20.165	ng		89
57) 2,4-Dinitrotoluene	10.086	165	41762	24.064	ng		95
58) Fluorene	10.451	166	138107	20.582	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.227	232	35278	20.138	ng		95
60) Diethylphthalate	10.322	149	147185	21.240	ng		96
61) 4-Chlorophenyl-phenyle...	10.439	204	71036	21.124	ng		99
62) 4-Nitroaniline	10.463	138	30404	21.738	ng	#	81
63) Azobenzene	10.604	77	153755	19.950	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	25848	28.558	ng	#	63
66) n-Nitrosodiphenylamine	10.563	169	122341	19.979	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	43987	20.885	ng		99
68) Hexachlorobenzene	10.998	284	51916	22.080	ng		100
69) Atrazine	11.086	200	35452	20.499	ng		95
70) Pentachlorophenol	11.198	266	22664	16.259	ng		96
71) Phenanthrene	11.416	178	201919	19.880	ng		97
72) Anthracene	11.463	178	201468	19.574	ng		97
73) Carbazole	11.621	167	179414	19.927	ng		97
74) Di-n-butylphthalate	11.951	149	230079	20.416	ng		97
75) Fluoranthene	12.604	202	221661	21.076	ng		95
77) Benzidine	12.721	184	48574	16.312	ng		98
78) Pyrene	12.833	202	223197	20.371	ng		96
80) Butylbenzylphthalate	13.451	149	93351	21.727	ng		88
81) Benzo(a)anthracene	14.021	228	171939	19.264	ng		97
82) 3,3'-Dichlorobenzidine	13.980	252	53200	19.186	ng		95
83) Chrysene	14.057	228	173386	20.197	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	107357	17.707	ng		98
85) Di-n-octyl phthalate	14.621	149	141578	15.448	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.998	276	116251	18.400	ng		96
88) Benzo(b)fluoranthene	15.074	252	135821	21.462	ng		98
89) Benzo(k)fluoranthene	15.104	252	122064	21.165	ng		97
90) Benzo(a)pyrene	15.445	252	113812	20.805	ng		95
91) Dibenzo(a,h)anthracene	17.009	278	97872	18.395	ng		97
92) Benzo(g,h,i)perylene	17.439	276	102786	19.263	ng		95

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

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