Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
Data File : BF124689.D
Acq On : 22 Jul 2021 14:15
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/23/2021 11:51:17 AM

Quant Time: Jul 22 15:10:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 13:28:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	7352	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	26313	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	14513	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	25141	20.000	ng		0.00
76) Chrysene-d12	14.045	240	16011	20.000	ng	#	0.00
86) Perylene-d12	15.509	264	12970	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	65125	153.474	ng		0.00
7) Phenol-d6	6.510	99	81080	157.068	ng		0.01
23) Nitrobenzene-d5	7.451	82	69791	167.435	ng		0.01
42) 2,4,6-Tribromophenol	10.710	330	19432	172.059	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	146539	147.240	ng		0.00
79) Terphenyl-d14	12.992	244	150669	158.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	12043	86.767	ng	#	100
3) Pyridine	3.404	79	28828	80.981	ng	#	92
4) n-Nitrosodimethylamine	3.375	42	22294	77.051	ng	#	98
6) Aniline	6.551	93	42268	77.712	ng		96
8) 2-Chlorophenol	6.663	128	36060	75.800	ng		97
10) Phenol	6.522	94	39315	78.008	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	30886	79.047	ng		97
12) 1,3-Dichlorobenzene	6.816	146	39851	76.536	ng		98
13) 1,4-Dichlorobenzene	6.892	146	39729	74.703	ng		95
14) 1,2-Dichlorobenzene	7.051	146	36994	73.196	ng		97
15) Benzyl Alcohol	7.022	79	27713	77.588	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	51157	75.962	ng		98
17) 2-Methylphenol	7.122	107	26795	76.949	ng		96
18) Hexachloroethane	7.386	117	15352	76.656	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	22478	77.450	ng		96
20) 3+4-Methylphenols	7.286	107	34577	75.420	ng		88
22) Acetophenone	7.292	105	47090	78.856	ng	#	92
24) Nitrobenzene	7.469	77	33803	81.785	ng		95
25) Isophorone	7.710	82	60984	79.698	ng		96
26) 2-Nitrophenol	7.775	139	19428	87.138	ng		94
27) 2,4-Dimethylphenol	7.810	122	28973	78.423	ng		90
28) bis(2-Chloroethoxy)met...	7.910	93	34931	78.259	ng		98
29) 2,4-Dichlorophenol	8.016	162	29647	77.799	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	32051	76.002	ng		98
31) Naphthalene	8.186	128	103327	75.922	ng		98
32) Benzoic acid	7.951	122	24684	95.860	ng		92
33) 4-Chloroaniline	8.227	127	39236	76.292	ng		97
34) Hexachlorobutadiene	8.298	225	19214	80.720	ng		99
35) Caprolactam	8.633	113	9262m	96.091	ng		
36) 4-Chloro-3-methylphenol	8.710	107	30300	80.408	ng		93
37) 2-Methylnaphthalene	8.875	142	69502	75.680	ng		98
38) 1-Methylnaphthalene	8.975	142	64692	75.007	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	30036	77.596	ng		99
41) Hexachlorocyclopentadiene	9.022	237	18182	75.195	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	22577	80.791	ng		98
44) 2,4,5-Trichlorophenol	9.186	196	23088	80.108	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	82494	74.841	ng		99
47) 2-Chloronaphthalene	9.363	162	66513	76.964	ng		99
48) 2-Nitroaniline	9.457	65	18317	88.139	ng		98
49) Acenaphthylene	9.780	152	102005	75.637	ng		98
50) Dimethylphthalate	9.645	163	77001	76.259	ng		97
51) 2,6-Dinitrotoluene	9.704	165	16807	84.434	ng		90
52) Acenaphthene	9.957	154	66886	77.565	ng		94
53) 3-Nitroaniline	9.874	138	18284	82.314	ng		89
54) 2,4-Dinitrophenol	9.974	184	10721	103.218	ng		91
55) Dibenzofuran	10.127	168	94744	74.726	ng		96
56) 4-Nitrophenol	10.027	139	15127	81.824	ng		89
57) 2,4-Dinitrotoluene	10.110	165	22906	84.055	ng	#	97
58) Fluorene	10.469	166	70325	71.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	17957	80.674	ng	#	96
60) Diethylphthalate	10.345	149	79294	75.106	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	34125	76.660	ng		95
62) 4-Nitroaniline	10.498	138	17532	78.314	ng		95
63) Azobenzene	10.621	77	71112	77.057	ng		97
65) 4,6-Dinitro-2-methylph...	10.521	198	13586	94.598	ng	#	74
66) n-Nitrosodiphenylamine	10.580	169	63136	77.124	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	21232	81.672	ng		94
68) Hexachlorobenzene	11.016	284	21587	81.047	ng	#	89
69) Atrazine	11.110	200	17987	71.742	ng		94
70) Pentachlorophenol	11.204	266	14123	83.828	ng		96
71) Phenanthrene	11.433	178	103572	75.511	ng		99
72) Anthracene	11.480	178	103836	75.461	ng		99
73) Carbazole	11.633	167	96743	76.087	ng		99
74) Di-n-butylphthalate	11.963	149	129182	75.422	ng		99
75) Fluoranthene	12.615	202	103400	74.719	ng		98
77) Benzidine	12.733	184	28620	47.815	ng		97
78) Pyrene	12.851	202	104630	78.655	ng		98
80) Butylbenzylphthalate	13.462	149	50442	78.426	ng		98
81) Benzo(a)anthracene	14.033	228	80333	75.653	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	20183	72.564	ng		97
83) Chrysene	14.074	228	77279	75.971	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	72275	83.697	ng		99
85) Di-n-octyl phthalate	14.633	149	115309	92.282	ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	63923	84.981	ng		98
88) Benzo(b)fluoranthene	15.086	252	70152m	75.356	ng		
89) Benzo(k)fluoranthene	15.115	252	63549m	74.399	ng		
90) Benzo(a)pyrene	15.451	252	58215	75.756	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	55459	86.619	ng		94
92) Benzo(g,h,i)perylene	17.450	276	54261	86.803	ng	#	91

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

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