Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129215.D
Acq On : 14 Jul 2022 12:19
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 14:17:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 14:17:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	250667	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1006443	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	513372	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	866093	20.000	ng	#	0.00
76) Chrysene-d12	14.069	240	692369	20.000	ng	#	-0.01
86) Perylene-d12	15.563	264	649179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	181675	12.253	ng		-0.01
7) Phenol-d6	6.510	99	226475	12.299	ng		-0.02
23) Nitrobenzene-d5	7.457	82	192461	11.406	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	47731	8.551	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	376246	11.725	ng		-0.01
79) Terphenyl-d14	13.010	244	376380	11.289	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	37797	5.718	ng		93
3) Pyridine	3.546	79	89998	5.575	ng		97
4) n-Nitrosodimethylamine	3.440	42	48599	6.645	ng		95
6) Aniline	6.557	93	123703	6.007	ng		99
8) 2-Chlorophenol	6.675	128	92010	5.907	ng		96
9) Benzaldehyde	6.445	77	74250	7.651	ng		92
10) Phenol	6.528	94	124300m	6.662	ng		
11) bis(2-Chloroethyl)ether	6.628	93	89920	6.089	ng		93
12) 1,3-Dichlorobenzene	6.840	146	98065	5.719	ng		97
13) 1,4-Dichlorobenzene	6.916	146	99556	5.756	ng		98
14) 1,2-Dichlorobenzene	7.069	146	96107	5.911	ng		98
15) Benzyl Alcohol	7.034	79	69473	5.363	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.169	45	144675	6.859	ng		94
17) 2-Methylphenol	7.140	107	73660	5.811	ng		95
18) Hexachloroethane	7.410	117	35341	5.820	ng	#	88
19) n-Nitroso-di-n-propyla...	7.298	70	63557	5.966	ng		97
20) 3+4-Methylphenols	7.292	107	94833	5.883	ng		93
22) Acetophenone	7.298	105	131849	5.711	ng	#	97
24) Nitrobenzene	7.475	77	92514	5.667	ng		95
25) Isophorone	7.710	82	161117	5.650	ng		97
26) 2-Nitrophenol	7.792	139	36265	4.779	ng		96
27) 2,4-Dimethylphenol	7.822	122	68544	5.004	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	108779	5.554	ng		99
29) 2,4-Dichlorophenol	8.028	162	70547	5.049	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	77716	5.055	ng		97
31) Naphthalene	8.204	128	264740	5.794	ng		99
33) 4-Chloroaniline	8.245	127	104450	5.673	ng		98
34) Hexachlorobutadiene	8.316	225	42228	4.600	ng		97
35) Caprolactam	8.581	113	21888	4.940	ng	#	84
36) 4-Chloro-3-methylphenol	8.716	107	76431	5.384	ng		98
37) 2-Methylnaphthalene	8.892	142	169885	5.526	ng		99
38) 1-Methylnaphthalene	8.992	142	164382	5.506	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	70331	4.874	ng		99
41) Hexachlorocyclopentadiene	9.045	237	26036	3.418	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	49209	5.007	ng		99
44) 2,4,5-Trichlorophenol	9.204	196	49526	4.737	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	208381	5.646	ng		97
47) 2-Chloronaphthalene	9.381	162	160137	5.619	ng		99
48) 2-Nitroaniline	9.475	65	44410	5.916	ng		97
49) Acenaphthylene	9.798	152	239960	5.541	ng		99
50) Dimethylphthalate	9.651	163	174803	5.443	ng		99
51) 2,6-Dinitrotoluene	9.716	165	34236	5.217	ng		97
52) Acenaphthene	9.969	154	149890	5.313	ng		100
53) 3-Nitroaniline	9.881	138	41395	5.289	ng		98
55) Dibenzofuran	10.139	168	224540	5.466	ng		97
56) 4-Nitrophenol	10.033	139	31027	4.852	ng		99
57) 2,4-Dinitrotoluene	10.116	165	42087	5.195	ng		99
58) Fluorene	10.486	166	174464	5.491	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	37705m	4.353	ng		
60) Diethylphthalate	10.351	149	172649	5.365	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	80294	5.072	ng		93
62) 4-Nitroaniline	10.492	138	42419	5.466	ng		91
63) Azobenzene	10.633	77	187233	5.938	ng		93
66) n-Nitrosodiphenylamine	10.592	169	150421	5.719	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	47717	5.179	ng		95
68) Hexachlorobenzene	11.033	284	50388	4.912	ng		99
69) Atrazine	11.116	200	42712	5.771	ng		94
70) Pentachlorophenol	11.227	266	23331	3.818	ng		98
71) Phenanthrene	11.451	178	252898	6.111	ng		97
72) Anthracene	11.504	178	246074	6.031	ng		98
73) Carbazole	11.657	167	251582	6.154	ng		98
74) Di-n-butylphthalate	11.980	149	256490	5.950	ng		99
75) Fluoranthene	12.639	202	256343	5.923	ng		96
78) Pyrene	12.869	202	271035	5.647	ng		98
80) Butylbenzylphthalate	13.486	149	95495	4.884	ng		95
81) Benzo(a)anthracene	14.057	228	237266	5.612	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	53935	5.905	ng	#	96
83) Chrysene	14.098	228	223708	5.700	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	137663	5.298	ng		99
85) Di-n-octyl phthalate	14.657	149	218884	5.707	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	201480	5.060	ng		98
88) Benzo(b)fluoranthene	15.115	252	208421	5.338	ng	#	98
89) Benzo(k)fluoranthene	15.145	252	203021	5.361	ng		98
90) Benzo(a)pyrene	15.492	252	168774	5.303	ng	#	98
91) Dibenzo(a,h)anthracene	17.080	278	161165	4.965	ng		97
92) Benzo(g,h,i)perylene	17.515	276	159303	4.892	ng		99

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

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