Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129216.D
Acq On : 14 Jul 2022 12:51
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 14 14:18:28 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 :
SSTDICC010

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	281732	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1117973	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	552714	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	923765	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	711925	20.000	ng		0.00
86) Perylene-d12	15.562	264	664940	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	404755	24.289	ng		-0.01
7) Phenol-d6	6.516	99	501318	24.222	ng		-0.02
23) Nitrobenzene-d5	7.457	82	430177	22.951	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	104706	17.422	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	784662	22.711	ng		-0.01
79) Terphenyl-d14	13.010	244	744384	21.713	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	84551	11.380	ng		92
3) Pyridine	3.528	79	211117	11.636	ng		93
4) n-Nitrosodimethylamine	3.446	42	102804	12.506	ng		98
6) Aniline	6.557	93	266386	11.509	ng		99
8) 2-Chlorophenol	6.681	128	201947	11.535	ng		96
9) Benzaldehyde	6.451	77	152286	13.962	ng		99
10) Phenol	6.528	94	268705m	12.814	ng		
11) bis(2-Chloroethyl)ether	6.628	93	192785	11.616	ng		96
12) 1,3-Dichlorobenzene	6.840	146	214479	11.128	ng		97
13) 1,4-Dichlorobenzene	6.916	146	217863	11.207	ng		99
14) 1,2-Dichlorobenzene	7.069	146	206707	11.311	ng		100
15) Benzyl Alcohol	7.034	79	161672	11.105	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	315926	13.327	ng		96
17) 2-Methylphenol	7.139	107	163340	11.465	ng		98
18) Hexachloroethane	7.410	117	77938	11.420	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	140447	11.731	ng		99
20) 3+4-Methylphenols	7.292	107	213182	11.767	ng		94
22) Acetophenone	7.304	105	283331	11.048	ng	#	97
24) Nitrobenzene	7.475	77	206690	11.397	ng		97
25) Isophorone	7.710	82	348316	10.996	ng		98
26) 2-Nitrophenol	7.792	139	88985	10.558	ng		98
27) 2,4-Dimethylphenol	7.822	122	152604	10.029	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	236645	10.878	ng		97
29) 2,4-Dichlorophenol	8.034	162	154811	9.975	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	169561	9.928	ng		97
31) Naphthalene	8.204	128	573742	11.305	ng		98
32) Benzoic acid	7.892	122	94080	7.706	ng		99
33) 4-Chloroaniline	8.245	127	228104	11.154	ng		98
34) Hexachlorobutadiene	8.316	225	92169	9.038	ng		99
35) Caprolactam	8.592	113	49315	10.020	ng	#	79
36) 4-Chloro-3-methylphenol	8.722	107	169485	10.748	ng		94
37) 2-Methylnaphthalene	8.892	142	365139	10.692	ng		99
38) 1-Methylnaphthalene	8.992	142	357274	10.773	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	154662	9.955	ng		97
41) Hexachlorocyclopentadiene	9.045	237	64112	7.818	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	107523	10.161	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	110802	9.844	ng	#	93
46) 1,1'-Biphenyl	9.357	154	442947	11.147	ng		98
47) 2-Chloronaphthalene	9.381	162	341087	11.116	ng		98
48) 2-Nitroaniline	9.475	65	102784	12.718	ng		98
49) Acenaphthylene	9.798	152	513820	11.020	ng		99
50) Dimethylphthalate	9.651	163	372528	10.774	ng		99
51) 2,6-Dinitrotoluene	9.716	165	76981	10.895	ng		93
52) Acenaphthene	9.969	154	321969	10.601	ng		99
53) 3-Nitroaniline	9.886	138	94835	11.255	ng	#	90
54) 2,4-Dinitrophenol	9.992	184	28615	9.041	ng		90
55) Dibenzofuran	10.139	168	476783	10.781	ng		98
56) 4-Nitrophenol	10.033	139	72367	10.512	ng		95
57) 2,4-Dinitrotoluene	10.116	165	98777	11.324	ng		93
58) Fluorene	10.486	166	369211	10.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	83414	8.945	ng		90
60) Diethylphthalate	10.351	149	356406	10.286	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	166731	9.782	ng		91
62) 4-Nitroaniline	10.492	138	92854	11.113	ng		98
63) Azobenzene	10.633	77	392952	11.576	ng		93
65) 4,6-Dinitro-2-methylph...	10.528	198	45924	11.237	ng		89
66) n-Nitrosodiphenylamine	10.592	169	316512	11.282	ng		97
67) 4-Bromophenyl-phenylether	10.969	248	97993	9.972	ng		96
68) Hexachlorobenzene	11.033	284	105417	9.634	ng		98
69) Atrazine	11.116	200	86332	10.936	ng		97
70) Pentachlorophenol	11.227	266	54875	8.420	ng		97
71) Phenanthrene	11.451	178	518426	11.746	ng		99
72) Anthracene	11.504	178	511687	11.758	ng		98
73) Carbazole	11.657	167	517803	11.875	ng		98
74) Di-n-butylphthalate	11.980	149	554407	12.059	ng		99
75) Fluoranthene	12.639	202	537168	11.637	ng		96
77) Benzidine	12.763	184	199045	15.702	ng		98
78) Pyrene	12.869	202	556650	11.280	ng		97
80) Butylbenzylphthalate	13.486	149	215734	10.731	ng		96
81) Benzo(a)anthracene	14.063	228	470327	10.820	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	119798	12.755	ng	#	98
83) Chrysene	14.098	228	448863	11.123	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	301518	11.285	ng		99
85) Di-n-octyl phthalate	14.657	149	471178	11.947	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	386611	9.480	ng		97
88) Benzo(b)fluoranthene	15.121	252	408016	10.203	ng		99
89) Benzo(k)fluoranthene	15.151	252	420918	10.852	ng		98
90) Benzo(a)pyrene	15.498	252	342461	10.505	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	316861	9.531	ng		98
92) Benzo(g,h,i)perylene	17.521	276	309822	9.289	ng		98

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

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