Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134518.D
Acq On : 28 Jul 2023 16:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

Quant Time: Jul 28 18:13:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 12:16:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	87669	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	337479	20.000	ng	#	0.00
39) Acenaphthene-d10	9.869	164	185549	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	383332	20.000	ng		0.00
76) Chrysene-d12	14.021	240	254954	20.000	ng		0.00
86) Perylene-d12	15.515	264	199170	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	411402	77.532	ng		0.00
7) Phenol-d6	6.475	99	496046	76.301	ng		0.00
23) Nitrobenzene-d5	7.398	82	475614	71.304	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	192307	72.945	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	972647	68.817	ng		0.00
79) Terphenyl-d14	12.957	244	1128327	77.256	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	72686	32.295	ng		97
3) Pyridine	3.387	79	195280	38.653	ng		98
4) n-Nitrosodimethylamine	3.352	42	98030	32.833	ng		88
6) Aniline	6.498	93	305668	39.893	ng		91
8) 2-Chlorophenol	6.622	128	203302	37.819	ng		98
9) Benzaldehyde	6.393	77	127894	36.735	ng		95
10) Phenol	6.487	94	259402	38.349	ng		94
11) bis(2-Chloroethyl)ether	6.569	93	192682	40.805	ng		97
12) 1,3-Dichlorobenzene	6.769	146	219544	37.980	ng		98
13) 1,4-Dichlorobenzene	6.845	146	222333	37.375	ng		99
14) 1,2-Dichlorobenzene	6.998	146	209372	37.468	ng		96
15) Benzyl Alcohol	6.981	79	194388	38.726	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	305045	43.867	ng		100
17) 2-Methylphenol	7.093	107	181695	37.899	ng		98
18) Hexachloroethane	7.334	117	82600	36.142	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	163750	40.461	ng		95
20) 3+4-Methylphenols	7.245	107	230505	37.553	ng		92
22) Acetophenone	7.245	105	299568	35.692	ng		96
24) Nitrobenzene	7.416	77	241289	36.373	ng		98
25) Isophorone	7.651	82	440708	39.644	ng		98
26) 2-Nitrophenol	7.728	139	117685	38.572	ng		95
27) 2,4-Dimethylphenol	7.769	122	181622	37.721	ng		92
28) bis(2-Chloroethoxy)met...	7.857	93	248161	40.105	ng		100
29) 2,4-Dichlorophenol	7.975	162	180694	37.541	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	186843	35.987	ng		96
31) Naphthalene	8.134	128	617184	36.746	ng		99
32) Benzoic acid	7.904	122	127637	39.686	ng	#	88
33) 4-Chloroaniline	8.187	127	267498	38.530	ng		98
34) Hexachlorobutadiene	8.239	225	121516	34.937	ng		96
35) Caprolactam	8.563	113	61885	42.048	ng		98
36) 4-Chloro-3-methylphenol	8.675	107	212682	38.295	ng		96
37) 2-Methylnaphthalene	8.822	142	442905	37.952	ng		99
38) 1-Methylnaphthalene	8.922	142	409784	37.851	ng		97
40) 1,2,4,5-Tetrachloroben...	8.987	216	205024	34.868	ng		100
41) Hexachlorocyclopentadiene	8.969	237	59048	39.834	ng		93
43) 2,4,6-Trichlorophenol	9.104	196	136983	36.314	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	157425	35.820	ng		96
46) 1,1'-Biphenyl	9.286	154	537754	35.164	ng		99
47) 2-Chloronaphthalene	9.316	162	393862	34.935	ng		98
48) 2-Nitroaniline	9.422	65	145031	35.719	ng		90
49) Acenaphthylene	9.728	152	665336	34.932	ng		100
50) Dimethylphthalate	9.592	163	507425	36.891	ng		99
51) 2,6-Dinitrotoluene	9.663	165	111363	36.898	ng	#	83
52) Acenaphthene	9.904	154	397714	35.348	ng		98
53) 3-Nitroaniline	9.834	138	127752	36.919	ng		93
54) 2,4-Dinitrophenol	9.951	184	50019	35.564	ng		90
55) Dibenzofuran	10.075	168	612861	35.390	ng		99
56) 4-Nitrophenol	10.010	139	72919	39.516	ng		86
57) 2,4-Dinitrotoluene	10.069	165	145379	35.863	ng		91
58) Fluorene	10.422	166	506998	36.291	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	130440m	38.630	ng		
60) Diethylphthalate	10.292	149	548353	38.506	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	247283	37.054	ng		96
62) 4-Nitroaniline	10.457	138	121176	34.132	ng		93
63) Azobenzene	10.569	77	505287	38.548	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	82426	37.485	ng		90
66) n-Nitrosodiphenylamine	10.533	169	443752	36.386	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	155700	37.072	ng		92
68) Hexachlorobenzene	10.969	284	170382	36.025	ng		99
69) Atrazine	11.063	200	126106	37.087	ng		98
70) Pentachlorophenol	11.169	266	80311	40.463	ng		99
71) Phenanthrene	11.386	178	701333	35.017	ng		99
72) Anthracene	11.439	178	724445	35.045	ng		99
73) Carbazole	11.598	167	675751	34.714	ng		99
74) Di-n-butylphthalate	11.922	149	862275	38.588	ng		100
75) Fluoranthene	12.580	202	780580	33.441	ng		98
77) Benzidine	12.710	184	186206	34.205	ng		99
78) Pyrene	12.816	202	791720	39.055	ng		99
80) Butylbenzylphthalate	13.427	149	336111	41.391	ng		98
81) Benzo(a)anthracene	14.010	228	628446	35.330	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	187655	33.308	ng	#	98
83) Chrysene	14.051	228	605320	35.579	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	440229	44.625	ng		98
85) Di-n-octyl phthalate	14.604	149	622276	45.390	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	460468	35.388	ng		97
88) Benzo(b)fluoranthene	15.074	252	469939	37.715	ng		99
89) Benzo(k)fluoranthene	15.104	252	446532	36.441	ng		99
90) Benzo(a)pyrene	15.457	252	411059	35.691	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	381321	36.288	ng		98
92) Benzo(g,h,i)perylene	17.527	276	384616	35.646	ng		98

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

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