Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
Data File : BF134501.D
Acq On : 27 Jul 2023 11:13
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 27 12:16:16 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

07/28/2023
Supervised By :mohammad ahmed

07/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	77120	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	335068	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	156546	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	285376	20.000	ng		0.00
76) Chrysene-d12	14.021	240	215032	20.000	ng		0.00
86) Perylene-d12	15.515	264	182446	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	352044	75.421	ng		0.00
7) Phenol-d6	6.475	99	446062	77.998	ng		0.00
23) Nitrobenzene-d5	7.392	82	560298	84.604	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	196272	88.242	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	883899	74.124	ng		0.00
79) Terphenyl-d14	12.951	244	1163028	94.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	132739	67.043	ng		97
3) Pyridine	3.375	79	333285	74.992	ng		95
4) n-Nitrosodimethylamine	3.345	42	184504	70.249	ng	#	75
6) Aniline	6.498	93	270765	40.171	ng		97
8) 2-Chlorophenol	6.616	128	188584	39.880	ng		100
9) Benzaldehyde	6.386	77	113631	37.103	ng		98
10) Phenol	6.486	94	232950	39.150	ng		94
11) bis(2-Chloroethyl)ether	6.569	93	170170	40.967	ng		94
12) 1,3-Dichlorobenzene	6.769	146	204957	40.306	ng		97
13) 1,4-Dichlorobenzene	6.845	146	210819	40.287	ng		99
14) 1,2-Dichlorobenzene	6.998	146	247459	50.341	ng		96
15) Benzyl Alcohol	6.975	79	222944	50.491	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	342274	55.953	ng		91
17) 2-Methylphenol	7.086	107	212563	50.403	ng		99
18) Hexachloroethane	7.328	117	98623	49.056	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	183183	51.454	ng		99
20) 3+4-Methylphenols	7.239	107	267748	49.587	ng		95
22) Acetophenone	7.239	105	344530	41.344	ng		99
24) Nitrobenzene	7.410	77	281444	42.732	ng		96
25) Isophorone	7.651	82	495186	44.865	ng		99
26) 2-Nitrophenol	7.728	139	137122	45.265	ng		95
27) 2,4-Dimethylphenol	7.763	122	211438	44.229	ng		94
28) bis(2-Chloroethoxy)met...	7.857	93	282317	45.954	ng		99
29) 2,4-Dichlorophenol	7.969	162	205247	42.949	ng		95
30) 1,2,4-Trichlorobenzene	8.045	180	222575	43.178	ng		99
31) Naphthalene	8.128	128	649186	38.930	ng		99
32) Benzoic acid	7.910	122	150440	47.112	ng	#	84
33) 4-Chloroaniline	8.180	127	279414	40.536	ng		97
34) Hexachlorobutadiene	8.239	225	120911	35.013	ng		97
35) Caprolactam	8.563	113	66708	45.651	ng		91
36) 4-Chloro-3-methylphenol	8.669	107	221250	40.125	ng		100
37) 2-Methylnaphthalene	8.816	142	461957	39.870	ng		99
38) 1-Methylnaphthalene	8.916	142	399548	37.171	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	216773	43.696	ng		99
41) Hexachlorocyclopentadiene	8.963	237	73291	52.182	ng		92
43) 2,4,6-Trichlorophenol	9.104	196	140275	44.076	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	142953	38.553	ng		92
46) 1,1'-Biphenyl	9.286	154	510910	39.598	ng		99
47) 2-Chloronaphthalene	9.310	162	375289	39.454	ng		98
48) 2-Nitroaniline	9.416	65	148723	43.414	ng		99
49) Acenaphthylene	9.727	152	693631	43.165	ng		99
50) Dimethylphthalate	9.586	163	557869	48.072	ng		99
51) 2,6-Dinitrotoluene	9.657	165	122580	48.140	ng		96
52) Acenaphthene	9.898	154	405290	42.695	ng		99
53) 3-Nitroaniline	9.833	138	122158	41.843	ng		95
54) 2,4-Dinitrophenol	9.945	184	51757	42.131	ng		94
55) Dibenzofuran	10.069	168	556573	38.094	ng		99
56) 4-Nitrophenol	10.004	139	63452	40.756	ng		94
57) 2,4-Dinitrotoluene	10.069	165	129660	37.911	ng		90
58) Fluorene	10.416	166	549875	46.653	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	120507m	42.301	ng		
60) Diethylphthalate	10.286	149	585091	48.698	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	272258	48.355	ng		96
62) 4-Nitroaniline	10.451	138	123502	41.232	ng		98
63) Azobenzene	10.569	77	483594	43.728	ng		96
65) 4,6-Dinitro-2-methylph...	10.480	198	79747	48.716	ng		99
66) n-Nitrosodiphenylamine	10.527	169	431419	47.517	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	151046	48.308	ng		95
68) Hexachlorobenzene	10.969	284	168219	47.777	ng	#	93
69) Atrazine	11.057	200	119809	47.330	ng		96
70) Pentachlorophenol	11.169	266	72203	48.864	ng		99
71) Phenanthrene	11.386	178	599023	40.175	ng		99
72) Anthracene	11.439	178	619823	40.276	ng		100
73) Carbazole	11.598	167	569873	39.324	ng		99
74) Di-n-butylphthalate	11.921	149	754431	45.351	ng		100
75) Fluoranthene	12.580	202	746778	42.974	ng		99
77) Benzidine	12.704	184	220647	48.057	ng		98
78) Pyrene	12.810	202	773828	45.259	ng		98
80) Butylbenzylphthalate	13.427	149	305692	44.634	ng		98
81) Benzo(a)anthracene	14.010	228	605195	40.340	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	188075	39.581	ng		96
83) Chrysene	14.045	228	583193	40.642	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	429245	51.589	ng		99
85) Di-n-octyl phthalate	14.604	149	733941	63.474	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	530439	44.503	ng		97
88) Benzo(b)fluoranthene	15.074	252	546782m	47.905	ng		
89) Benzo(k)fluoranthene	15.104	252	492395m	43.867	ng		
90) Benzo(a)pyrene	15.451	252	464966	44.072	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	444716	46.200	ng		98
92) Benzo(g,h,i)perylene	17.521	276	429753	43.481	ng		99

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

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