Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139065.D
Acq On : 19 Aug 2024 09:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 10:56:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	49558	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	204011	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113932	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	191441	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	87715	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	96864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	258418	80.493	ng	0.00
7) Phenol-d6	6.487	99	350185	81.243	ng	0.00
23) Nitrobenzene-d5	7.410	82	350238	83.935	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	74271	79.583	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	636396	83.926	ng	-0.01
79) Terphenyl-d14	12.939	244	452171	86.309	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	51910	36.932	ng	# 96
3) Pyridine	3.340	79	129433	38.014	ng	# 93
4) n-Nitrosodimethylamine	3.316	42	95849	47.266	ng	# 80
6) Aniline	6.504	93	154062	40.078	ng	# 42
8) 2-Chlorophenol	6.628	128	139100	41.181	ng	98
9) Benzaldehyde	6.398	77	103458	40.040	ng	99
10) Phenol	6.504	94	181959	40.094	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	135036	38.666	ng	99
12) 1,3-Dichlorobenzene	6.775	146	153291	40.543	ng	97
13) 1,4-Dichlorobenzene	6.857	146	154620	40.522	ng	99
14) 1,2-Dichlorobenzene	7.010	146	146421	41.060	ng	99
15) Benzyl Alcohol	6.992	79	133968	43.123	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	230504	38.352	ng	# 50
17) 2-Methylphenol	7.104	107	112336	40.276	ng	# 89
18) Hexachloroethane	7.345	117	59597	41.493	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	111583	42.861	ng	96
20) 3+4-Methylphenols	7.257	107	153927	43.013	ng	99
22) Acetophenone	7.251	105	212267	42.494	ng	# 99
24) Nitrobenzene	7.428	77	172482	40.622	ng	99
25) Isophorone	7.663	82	290389	40.756	ng	97
26) 2-Nitrophenol	7.745	139	75793	41.490	ng	93
27) 2,4-Dimethylphenol	7.781	122	86692	39.663	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	170300	39.249	ng	99
29) 2,4-Dichlorophenol	7.992	162	115766	41.218	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	130657	40.311	ng	100
31) Naphthalene	8.145	128	430481	40.088	ng	100
32) Benzoic acid	7.945	122	63970m	37.232	ng	
33) 4-Chloroaniline	8.198	127	141530	39.263	ng	96
34) Hexachlorobutadiene	8.251	225	83889	42.731	ng	99
35) Caprolactam	8.581	113	35120	41.907	ng	92
36) 4-Chloro-3-methylphenol	8.686	107	135791	42.305	ng	97
37) 2-Methylnaphthalene	8.828	142	277884	40.974	ng	99
38) 1-Methylnaphthalene	8.928	142	275470	41.451	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	130116	41.112	ng	98
41) Hexachlorocyclopentadiene	8.975	237	26700	36.064	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	75324	39.035	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	84196	39.912	ng		100
46) 1,1'-Biphenyl	9.292	154	356764	39.983	ng		99
47) 2-Chloronaphthalene	9.322	162	264203	39.812	ng		99
48) 2-Nitroaniline	9.428	65	94348	41.936	ng		95
49) Acenaphthylene	9.733	152	370513	39.365	ng		99
50) Dimethylphthalate	9.598	163	303803	41.703	ng		100
51) 2,6-Dinitrotoluene	9.669	165	69250	42.121	ng		88
52) Acenaphthene	9.904	154	247879	39.177	ng		99
53) 3-Nitroaniline	9.839	138	66969	39.403	ng		96
54) 2,4-Dinitrophenol	9.957	184	29046	38.379	ng	#	78
55) Dibenzofuran	10.080	168	363358	40.683	ng		97
56) 4-Nitrophenol	10.028	139	37224	36.421	ng		93
57) 2,4-Dinitrotoluene	10.075	165	89734	42.780	ng	#	75
58) Fluorene	10.422	166	297308	41.802	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59534	36.914	ng		93
60) Diethylphthalate	10.292	149	303810	43.983	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	145741	41.664	ng		95
62) 4-Nitroaniline	10.457	138	63295m	39.188	ng		
63) Azobenzene	10.569	77	315936	41.240	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	44043	37.710	ng		95
66) n-Nitrosodiphenylamine	10.533	169	243049	40.616	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	83479	40.275	ng		97
68) Hexachlorobenzene	10.969	284	85938	40.156	ng		99
69) Atrazine	11.057	200	49041	31.765	ng		99
70) Pentachlorophenol	11.174	266	30933	32.067	ng		98
71) Phenanthrene	11.386	178	388143	39.375	ng		100
72) Anthracene	11.439	178	384448	39.588	ng		99
73) Carbazole	11.598	167	326386	38.956	ng		99
74) Di-n-butylphthalate	11.910	149	424324	45.052	ng		99
75) Fluoranthene	12.574	202	354389	38.509	ng		99
77) Benzidine	12.698	184	77137	36.767	ng		98
78) Pyrene	12.804	202	340043	41.174	ng		99
80) Butylbenzylphthalate	13.410	149	115835	43.800	ng		99
81) Benzo(a)anthracene	13.992	228	240416	39.802	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	64221	41.548	ng		98
83) Chrysene	14.027	228	222237	40.781	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	152506	39.380	ng		99
85) Di-n-octyl phthalate	14.574	149	259891	36.272	ng		97
87) Indeno(1,2,3-cd)pyrene	16.951	276	248398	35.784	ng		97
88) Benzo(b)fluoranthene	15.045	252	236927m	39.457	ng		
89) Benzo(k)fluoranthene	15.068	252	205507	39.529	ng		98
90) Benzo(a)pyrene	15.410	252	201837	39.962	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	204676	35.919	ng		98
92) Benzo(g,h,i)perylene	17.398	276	204358	34.561	ng		96

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

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