Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
Data File : BF139012.D
Acq On : 15 Aug 2024 09:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 11:41:02 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	48058	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	197419	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	109625	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	180167	20.000	ng		0.00
76) Chrysene-d12	14.004	240	91298	20.000	ng		0.00
86) Perylene-d12	15.468	264	97077	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	252733	81.179	ng		0.00
7) Phenol-d6	6.487	99	344958	82.528	ng		0.00
23) Nitrobenzene-d5	7.410	82	341336	84.533	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	71811	79.970	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	597077	81.834	ng		-0.01
79) Terphenyl-d14	12.939	244	425698	78.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	50368	36.954	ng		96
3) Pyridine	3.334	79	123105	37.284	ng		93
4) n-Nitrosodimethylamine	3.305	42	92582	47.080	ng	#	78
6) Aniline	6.504	93	148622	39.870	ng	#	35
8) 2-Chlorophenol	6.634	128	133461	40.745	ng		98
9) Benzaldehyde	6.398	77	85348	34.062	ng		98
10) Phenol	6.504	94	177822	40.406	ng	#	74
11) bis(2-Chloroethyl)ether	6.581	93	128284	37.879	ng		99
12) 1,3-Dichlorobenzene	6.781	146	146323	39.908	ng		98
13) 1,4-Dichlorobenzene	6.857	146	150077	40.559	ng		99
14) 1,2-Dichlorobenzene	7.010	146	140302	40.572	ng		98
15) Benzyl Alcohol	6.993	79	134345	44.594	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	216348	37.120	ng	#	42
17) 2-Methylphenol	7.104	107	110584	40.885	ng	#	90
18) Hexachloroethane	7.345	117	56841	40.809	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	109260	43.279	ng		97
20) 3+4-Methylphenols	7.263	107	147509	42.506	ng	#	77
22) Acetophenone	7.251	105	202356	41.863	ng	#	99
24) Nitrobenzene	7.428	77	170833	41.577	ng		99
25) Isophorone	7.663	82	276172	40.054	ng		97
26) 2-Nitrophenol	7.740	139	71630	40.520	ng		90
27) 2,4-Dimethylphenol	7.781	122	85221	40.292	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	159686	38.031	ng		99
29) 2,4-Dichlorophenol	7.992	162	110994	40.839	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	124394	39.661	ng		98
31) Naphthalene	8.145	128	411302	39.581	ng		100
32) Benzoic acid	7.934	122	56711	34.110	ng		92
33) 4-Chloroaniline	8.198	127	128991	36.979	ng		96
34) Hexachlorobutadiene	8.251	225	80032	42.128	ng		99
35) Caprolactam	8.581	113	33838m	41.725	ng		
36) 4-Chloro-3-methylphenol	8.687	107	130485	42.009	ng		98
37) 2-Methylnaphthalene	8.828	142	263243	40.111	ng		99
38) 1-Methylnaphthalene	8.928	142	262426	40.807	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	119671	39.298	ng		99
41) Hexachlorocyclopentadiene	8.975	237	21490	31.306	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	70990	38.234	ng		96

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44) 2,4,5-Trichlorophenol	9.169	196	78416	38.633	ng		98
46) 1,1'-Biphenyl	9.292	154	341144	39.734	ng		99
47) 2-Chloronaphthalene	9.322	162	251770	39.429	ng		98
48) 2-Nitroaniline	9.428	65	90254	41.693	ng		98
49) Acenaphthylene	9.734	152	357730	39.500	ng		100
50) Dimethylphthalate	9.598	163	285633	40.749	ng		100
51) 2,6-Dinitrotoluene	9.669	165	66113	41.793	ng		90
52) Acenaphthene	9.904	154	240302	39.472	ng		99
53) 3-Nitroaniline	9.839	138	64321	39.331	ng		91
54) 2,4-Dinitrophenol	9.957	184	30459	41.827	ng	#	81
55) Dibenzofuran	10.081	168	344998	40.145	ng		97
56) 4-Nitrophenol	10.022	139	46141	46.919	ng		91
57) 2,4-Dinitrotoluene	10.075	165	87769	43.487	ng	#	80
58) Fluorene	10.422	166	280581	41.000	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	62032	39.974	ng		94
60) Diethylphthalate	10.292	149	282722	42.538	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	140057	41.612	ng		96
62) 4-Nitroaniline	10.457	138	63213	40.675	ng		86
63) Azobenzene	10.575	77	301815	40.944	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	45307	41.219	ng		92
66) n-Nitrosodiphenylamine	10.533	169	229053	40.673	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	77421	39.690	ng		93
68) Hexachlorobenzene	10.969	284	80848	40.142	ng		98
69) Atrazine	11.057	200	55835	38.428	ng		98
70) Pentachlorophenol	11.175	266	35478	39.080	ng		96
71) Phenanthrene	11.386	178	378340	40.782	ng		100
72) Anthracene	11.439	178	369888	40.472	ng		100
73) Carbazole	11.598	167	311563	39.514	ng		99
74) Di-n-butylphthalate	11.916	149	375816	42.398	ng		100
75) Fluoranthene	12.575	202	336075	38.804	ng		98
77) Benzidine	12.698	184	63438	29.051	ng		98
78) Pyrene	12.804	202	328238	38.185	ng		99
80) Butylbenzylphthalate	13.410	149	111221	40.405	ng		98
81) Benzo(a)anthracene	13.992	228	243323	38.703	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	64309	39.972	ng		98
83) Chrysene	14.027	228	227102	40.039	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	148878	36.935	ng		97
85) Di-n-octyl phthalate	14.574	149	258044	34.601	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	267126	38.397	ng		97
88) Benzo(b)fluoranthene	15.045	252	250415	41.612	ng		98
89) Benzo(k)fluoranthene	15.068	252	209998	40.304	ng		99
90) Benzo(a)pyrene	15.410	252	205318	40.562	ng		98
91) Dibenzo(a,h)anthracene	16.957	278	218596	38.278	ng		97
92) Benzo(g,h,i)perylene	17.398	276	224336	37.856	ng		95

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

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