Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139063.D
Acq On : 16 Aug 2024 18:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 16 18:31:35 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	6.840	152	57984	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	235351	20.000	ng		# 0.00
39) Acenaphthene-d10	9.869	164	130297	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	209318	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	99781	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	113358	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	298570	79.485	ng		0.00
7) Phenol-d6	6.493	99	404961	80.298	ng		0.00
23) Nitrobenzene-d5	7.410	82	407039	84.557	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	83452	78.189	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	729199	84.086	ng		-0.01
79) Terphenyl-d14	12.939	244	495423	83.129	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	68241	41.496	ng		95
3) Pyridine	3.334	79	165215	41.472	ng		94
4) n-Nitrosodimethylamine	3.310	42	120956	50.979	ng		82
6) Aniline	6.510	93	176564	39.257	ng	#	62
8) 2-Chlorophenol	6.634	128	160825	40.694	ng		98
9) Benzaldehyde	6.398	77	108913	36.026	ng		99
10) Phenol	6.504	94	207506	39.079	ng	#	76
11) bis(2-Chloroethyl)ether	6.581	93	157102	38.448	ng		98
12) 1,3-Dichlorobenzene	6.775	146	179063	40.477	ng		96
13) 1,4-Dichlorobenzene	6.857	146	179659	40.242	ng		99
14) 1,2-Dichlorobenzene	7.010	146	167541	40.155	ng		98
15) Benzyl Alcohol	6.993	79	153115	42.124	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	262472	37.325	ng	#	49
17) 2-Methylphenol	7.104	107	128438	39.357	ng	#	87
18) Hexachloroethane	7.345	117	70773	42.114	ng		100
19) n-Nitroso-di-n-propyla...	7.257	70	129416	42.487	ng		96
20) 3+4-Methylphenols	7.263	107	173909	41.535	ng	#	82
22) Acetophenone	7.257	105	241454	41.901	ng		96
24) Nitrobenzene	7.428	77	201593	41.155	ng		99
25) Isophorone	7.669	82	328432	39.957	ng		98
26) 2-Nitrophenol	7.745	139	85661	40.647	ng		94
27) 2,4-Dimethylphenol	7.781	122	101499	40.254	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	193285	38.614	ng		98
29) 2,4-Dichlorophenol	7.992	162	132096	40.770	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	150519	40.255	ng		100
31) Naphthalene	8.140	128	493085	39.803	ng		100
32) Benzoic acid	7.945	122	58160m	29.343	ng		
33) 4-Chloroaniline	8.198	127	159278	38.303	ng		98
34) Hexachlorobutadiene	8.251	225	98407	43.451	ng		97
35) Caprolactam	8.587	113	38025m	39.331	ng		
36) 4-Chloro-3-methylphenol	8.687	107	154871	41.824	ng		98
37) 2-Methylnaphthalene	8.828	142	316662	40.474	ng		100
38) 1-Methylnaphthalene	8.928	142	309425	40.360	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	146556	40.491	ng		98
41) Hexachlorocyclopentadiene	8.975	237	33393	38.787	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	84097	38.107	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94256	39.069	ng		99
46) 1,1'-Biphenyl	9.292	154	410224	40.200	ng		100
47) 2-Chloronaphthalene	9.322	162	300343	39.573	ng		98
48) 2-Nitroaniline	9.428	65	105641	41.058	ng		95
49) Acenaphthylene	9.734	152	422577	39.258	ng		100
50) Dimethylphthalate	9.598	163	341788	41.024	ng		100
51) 2,6-Dinitrotoluene	9.669	165	77549	41.244	ng		87
52) Acenaphthene	9.904	154	282551	39.049	ng		99
53) 3-Nitroaniline	9.839	138	74369	38.261	ng		95
54) 2,4-Dinitrophenol	9.957	184	33215	38.375	ng	#	79
55) Dibenzofuran	10.075	168	407876	39.932	ng		97
56) 4-Nitrophenol	10.022	139	42405	36.279	ng		86
57) 2,4-Dinitrotoluene	10.075	165	102194	42.601	ng	#	77
58) Fluorene	10.422	166	329189	40.471	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	69120	37.475	ng		95
60) Diethylphthalate	10.292	149	338832	42.892	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	165585	41.392	ng		96
62) 4-Nitroaniline	10.457	138	70829m	38.345	ng		
63) Azobenzene	10.569	77	358137	40.877	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	50031	39.178	ng		94
66) n-Nitrosodiphenylamine	10.534	169	265449	40.571	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	93430	41.227	ng		97
68) Hexachlorobenzene	10.969	284	93738	40.060	ng		99
69) Atrazine	11.057	200	57810	34.246	ng		96
70) Pentachlorophenol	11.175	266	33315	31.587	ng		96
71) Phenanthrene	11.386	178	433129	40.186	ng		99
72) Anthracene	11.439	178	428715	40.376	ng		99
73) Carbazole	11.598	167	357306	39.004	ng		98
74) Di-n-butylphthalate	11.910	149	468917	45.534	ng		100
75) Fluoranthene	12.575	202	386809	38.442	ng		98
77) Benzidine	12.698	184	84217	35.288	ng		98
78) Pyrene	12.804	202	378341	40.272	ng		99
80) Butylbenzylphthalate	13.410	149	130764	43.466	ng		96
81) Benzo(a)anthracene	13.992	228	274181	39.903	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	75787	43.101	ng		98
83) Chrysene	14.027	228	241917	39.025	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	173581	39.402	ng		99
85) Di-n-octyl phthalate	14.574	149	303501	37.236	ng		96
87) Indeno(1,2,3-cd)pyrene	16.951	276	293989	36.189	ng		97
88) Benzo(b)fluoranthene	15.039	252	257925	36.704	ng		99
89) Benzo(k)fluoranthene	15.069	252	260750	42.857	ng		97
90) Benzo(a)pyrene	15.404	252	233253	39.462	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	236101	35.406	ng		98
92) Benzo(g,h,i)perylene	17.392	276	240229	34.716	ng		97

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

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