Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139428.D
Acq On : 18 Sep 2024 16:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 18 16:51:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	78159	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	276113	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	150181	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	267231	20.000	ng		0.00
76) Chrysene-d12	14.033	240	131643	20.000	ng		0.00
86) Perylene-d12	15.498	264	136086	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	338819	70.719	ng		0.00
7) Phenol-d6	6.510	99	451701	71.828	ng		0.00
23) Nitrobenzene-d5	7.445	82	444127	75.618	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	113724	71.128	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	816037	76.209	ng		0.00
79) Terphenyl-d14	12.980	244	645856	80.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	68316	35.541	ng		99
3) Pyridine	3.410	79	166404	39.265	ng		99
4) n-Nitrosodimethylamine	3.369	42	126350	34.397	ng		93
6) Aniline	6.540	93	194168	40.914	ng	#	90
8) 2-Chlorophenol	6.663	128	179549	36.406	ng		97
9) Benzaldehyde	6.428	77	133796	36.825	ng		100
10) Phenol	6.522	94	232152	36.246	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	171843	35.300	ng		98
12) 1,3-Dichlorobenzene	6.822	146	206471	36.812	ng		98
13) 1,4-Dichlorobenzene	6.898	146	207996	36.697	ng		99
14) 1,2-Dichlorobenzene	7.051	146	195639	36.529	ng		99
15) Benzyl Alcohol	7.022	79	180889	36.054	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	301422	40.177	ng		99
17) 2-Methylphenol	7.134	107	143515	36.626	ng		99
18) Hexachloroethane	7.392	117	79180	36.677	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	139689	37.485	ng		100
20) 3+4-Methylphenols	7.287	107	191417	35.806	ng	#	86
22) Acetophenone	7.287	105	267018	36.991	ng		99
24) Nitrobenzene	7.463	77	227367	37.613	ng		100
25) Isophorone	7.698	82	362117	38.985	ng		99
26) 2-Nitrophenol	7.775	139	95559	40.576	ng		97
27) 2,4-Dimethylphenol	7.810	122	120000	38.628	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	211335	39.921	ng		97
29) 2,4-Dichlorophenol	8.016	162	151185	38.309	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	174995	38.056	ng		97
31) Naphthalene	8.187	128	549591	38.127	ng		100
32) Benzoic acid	7.928	122	111627	38.397	ng		99
33) 4-Chloroaniline	8.234	127	168484	38.207	ng		99
34) Hexachlorobutadiene	8.298	225	118652	37.980	ng		100
35) Caprolactam	8.604	113	45329	37.339	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	168398	37.337	ng		98
37) 2-Methylnaphthalene	8.875	142	346503	37.871	ng		100
38) 1-Methylnaphthalene	8.975	142	341023	37.965	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	171971	38.637	ng		99
41) Hexachlorocyclopentadiene	9.022	237	62446	40.182	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	110457	38.145	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	120145	39.333	ng	98
46) 1,1'-Biphenyl	9.339	154	444931	38.509	ng	99
47) 2-Chloronaphthalene	9.363	162	332936	38.540	ng	100
48) 2-Nitroaniline	9.457	65	119211	37.101	ng	99
49) Acenaphthylene	9.775	152	497928	38.291	ng	100
50) Dimethylphthalate	9.633	163	371894	37.729	ng	100
51) 2,6-Dinitrotoluene	9.698	165	84410	38.656	ng	96
52) Acenaphthene	9.951	154	342593	37.748	ng	100
53) 3-Nitroaniline	9.869	138	84397	38.674	ng	92
54) 2,4-Dinitrophenol	9.969	184	43710	35.923	ng	93
55) Dibenzofuran	10.122	168	475182	37.564	ng	97
56) 4-Nitrophenol	10.022	139	59884	33.163	ng	90
57) 2,4-Dinitrotoluene	10.098	165	112566	38.183	ng	99
58) Fluorene	10.463	166	381547	36.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	94013	37.207	ng	99
60) Diethylphthalate	10.333	149	376410	37.004	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	188059	37.492	ng	98
62) 4-Nitroaniline	10.481	138	81716	34.310	ng	94
63) Azobenzene	10.616	77	380132	37.995	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	58371	41.386	ng	98
66) n-Nitrosodiphenylamine	10.575	169	312111	39.948	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	107456	40.577	ng	98
68) Hexachlorobenzene	11.004	284	119323	38.392	ng	96
69) Atrazine	11.092	200	66735	35.879	ng	99
70) Pentachlorophenol	11.198	266	72197	38.713	ng	98
71) Phenanthrene	11.422	178	483481	37.500	ng	99
72) Anthracene	11.475	178	481188	38.173	ng	99
73) Carbazole	11.628	167	439715	36.446	ng	99
74) Di-n-butylphthalate	11.957	149	519158	38.629	ng	100
75) Fluoranthene	12.610	202	474036	34.429	ng	99
77) Benzidine	12.727	184	106325	56.374	ng	100
78) Pyrene	12.839	202	471728	41.734	ng	100
80) Butylbenzylphthalate	13.451	149	155414	40.394	ng	99
81) Benzo(a)anthracene	14.021	228	331262	37.989	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105330	41.247	ng	99
83) Chrysene	14.057	228	312416	38.943	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	196713	40.191	ng	98
85) Di-n-octyl phthalate	14.621	149	311903	43.271	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	328708	40.621	ng	99
88) Benzo(b)fluoranthene	15.074	252	318770	37.981	ng	99
89) Benzo(k)fluoranthene	15.104	252	289971	37.471	ng	99
90) Benzo(a)pyrene	15.439	252	271636	39.025	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	264839	39.607	ng	99
92) Benzo(g,h,i)perylene	17.421	276	263888	39.858	ng	99

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

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