Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139377.D
Acq On : 16 Sep 2024 10:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 16 11:10:45 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	66091	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	230944	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	122358	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	221286	20.000	ng		0.00
76) Chrysene-d12	14.033	240	116037	20.000	ng		0.00
86) Perylene-d12	15.498	264	120558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	321981	79.476	ng		0.00
7) Phenol-d6	6.510	99	416075	78.245	ng		0.00
23) Nitrobenzene-d5	7.445	82	409247	83.307	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	101902	78.227	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	728037	83.451	ng		0.00
79) Terphenyl-d14	12.980	244	612505	86.641	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	65518	40.309	ng		99
3) Pyridine	3.416	79	152031	42.424	ng		99
4) n-Nitrosodimethylamine	3.375	42	122133	39.320	ng		93
6) Aniline	6.545	93	156831	39.081	ng		99
8) 2-Chlorophenol	6.663	128	164831	39.525	ng		97
9) Benzaldehyde	6.428	77	106604	34.698	ng		98
10) Phenol	6.522	94	215363	39.765	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	154691	37.579	ng		100
12) 1,3-Dichlorobenzene	6.822	146	186869	39.401	ng		100
13) 1,4-Dichlorobenzene	6.898	146	190689	39.787	ng		99
14) 1,2-Dichlorobenzene	7.051	146	180104	39.769	ng		99
15) Benzyl Alcohol	7.022	79	167305	39.435	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	259443	40.896	ng		100
17) 2-Methylphenol	7.128	107	131636	39.729	ng		99
18) Hexachloroethane	7.392	117	72661	39.803	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	127698	40.524	ng		100
20) 3+4-Methylphenols	7.287	107	177222	39.204	ng	#	85
22) Acetophenone	7.287	105	248234	41.115	ng		98
24) Nitrobenzene	7.463	77	206879	40.917	ng		100
25) Isophorone	7.698	82	320290	41.226	ng		100
26) 2-Nitrophenol	7.775	139	81728	41.490	ng		99
27) 2,4-Dimethylphenol	7.810	122	107638	41.426	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	181037	40.886	ng		99
29) 2,4-Dichlorophenol	8.016	162	134262	40.675	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	153999	40.040	ng		99
31) Naphthalene	8.187	128	492048	40.811	ng		100
32) Benzoic acid	7.928	122	101039	41.552	ng		99
33) 4-Chloroaniline	8.234	127	149676	40.580	ng		99
34) Hexachlorobutadiene	8.298	225	108817	41.645	ng		98
35) Caprolactam	8.604	113	40031	39.424	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	152889	40.528	ng		99
37) 2-Methylnaphthalene	8.875	142	309476	40.440	ng		99
38) 1-Methylnaphthalene	8.975	142	300979	40.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151921	41.894	ng		99
41) Hexachlorocyclopentadiene	9.022	237	56125	44.327	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	99323	42.099	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	102202	41.068	ng	96
46) 1,1'-Biphenyl	9.339	154	390146	41.446	ng	99
47) 2-Chloronaphthalene	9.363	162	291444	41.408	ng	98
48) 2-Nitroaniline	9.457	65	109200	41.713	ng	97
49) Acenaphthylene	9.775	152	432938	40.863	ng	100
50) Dimethylphthalate	9.633	163	326964	40.713	ng	100
51) 2,6-Dinitrotoluene	9.698	165	75302	42.326	ng	99
52) Acenaphthene	9.945	154	302178	40.866	ng	99
53) 3-Nitroaniline	9.869	138	76572	43.067	ng	91
54) 2,4-Dinitrophenol	9.969	184	38389	38.724	ng	98
55) Dibenzofuran	10.116	168	414689	40.236	ng	100
56) 4-Nitrophenol	10.022	139	58992	40.098	ng	91
57) 2,4-Dinitrotoluene	10.098	165	98729	41.104	ng	98
58) Fluorene	10.463	166	340138	40.449	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	85315	41.442	ng	98
60) Diethylphthalate	10.333	149	335912	40.532	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	167063	40.879	ng	99
62) 4-Nitroaniline	10.480	138	76133	39.234	ng	99
63) Azobenzene	10.610	77	331221	40.634	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	50320	43.085	ng	98
66) n-Nitrosodiphenylamine	10.569	169	271048	41.895	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94692	43.182	ng	99
68) Hexachlorobenzene	11.004	284	107799	41.886	ng	98
69) Atrazine	11.092	200	53431	34.691	ng	98
70) Pentachlorophenol	11.198	266	66462	43.037	ng	98
71) Phenanthrene	11.422	178	440181	41.230	ng	99
72) Anthracene	11.475	178	430011	41.196	ng	99
73) Carbazole	11.627	167	408067	40.846	ng	100
74) Di-n-butylphthalate	11.957	149	457689	41.126	ng	100
75) Fluoranthene	12.604	202	451045	39.561	ng	99
77) Benzidine	12.727	184	72271	43.472	ng	99
78) Pyrene	12.833	202	448254	44.990	ng	99
80) Butylbenzylphthalate	13.451	149	140853	41.533	ng	100
81) Benzo(a)anthracene	14.021	228	314524	40.920	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	92328	41.018	ng	98
83) Chrysene	14.057	228	289263	40.906	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	174926	40.547	ng	99
85) Di-n-octyl phthalate	14.621	149	263480	41.470	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	317744	44.324	ng	99
88) Benzo(b)fluoranthene	15.068	252	288585	38.813	ng	99
89) Benzo(k)fluoranthene	15.098	252	285530	41.650	ng	99
90) Benzo(a)pyrene	15.433	252	255357	41.411	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	263243	44.439	ng	99
92) Benzo(g,h,i)perylene	17.415	276	265389	45.248	ng	99

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

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