Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139357.D
Acq On : 14 Sep 2024 09:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 16 01:49:49 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	55743	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	197065	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	109281	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	212445	20.000	ng	0.00
76) Chrysene-d12	14.033	240	119697	20.000	ng	0.00
86) Perylene-d12	15.498	264	113510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	278578	81.527	ng	0.00
7) Phenol-d6	6.510	99	364440	81.257	ng	0.00
23) Nitrobenzene-d5	7.445	82	349671	83.417	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	96885	83.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	645132	82.797	ng	0.00
79) Terphenyl-d14	12.980	244	664614	91.138	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	58230	42.476	ng	97
3) Pyridine	3.404	79	135678	44.889	ng	98
4) n-Nitrosodimethylamine	3.369	42	107293	40.955	ng	95
6) Aniline	6.545	93	153877	45.463	ng	99
8) 2-Chlorophenol	6.663	128	141938	40.353	ng	98
9) Benzaldehyde	6.428	77	101707	39.250	ng	99
10) Phenol	6.522	94	187922	41.139	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	131491	37.873	ng	100
12) 1,3-Dichlorobenzene	6.822	146	160588	40.145	ng	99
13) 1,4-Dichlorobenzene	6.898	146	165879	41.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	155323	40.664	ng	98
15) Benzyl Alcohol	7.022	79	146011	40.805	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	217216	40.596	ng	100
17) 2-Methylphenol	7.128	107	114371	40.926	ng	98
18) Hexachloroethane	7.392	117	61622	40.022	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	110427	41.549	ng	100
20) 3+4-Methylphenols	7.281	107	153009	40.132	ng	99
22) Acetophenone	7.287	105	213751	41.490	ng	98
24) Nitrobenzene	7.463	77	177404	41.120	ng	99
25) Isophorone	7.698	82	278221	41.967	ng	99
26) 2-Nitrophenol	7.775	139	72734	43.273	ng	98
27) 2,4-Dimethylphenol	7.810	122	92318	41.638	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	157038	41.563	ng	98
29) 2,4-Dichlorophenol	8.016	162	119546	42.443	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	135612	41.322	ng	98
31) Naphthalene	8.186	128	426065	41.414	ng	100
32) Benzoic acid	7.922	122	92897	44.772	ng	96
33) 4-Chloroaniline	8.233	127	134700	42.798	ng	99
34) Hexachlorobutadiene	8.298	225	91482	41.029	ng	100
35) Caprolactam	8.604	113	36468	42.090	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	135764	42.175	ng	98
37) 2-Methylnaphthalene	8.875	142	272177	41.680	ng	100
38) 1-Methylnaphthalene	8.975	142	266448	41.561	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	133710	41.285	ng	99
41) Hexachlorocyclopentadiene	9.022	237	47575	42.071	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	88642	42.068	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	94251	42.405	ng	98
46) 1,1'-Biphenyl	9.339	154	347243	41.303	ng	100
47) 2-Chloronaphthalene	9.363	162	262058	41.688	ng	99
48) 2-Nitroaniline	9.457	65	98165	41.985	ng	98
49) Acenaphthylene	9.775	152	393987	41.637	ng	100
50) Dimethylphthalate	9.633	163	297596	41.491	ng	100
51) 2,6-Dinitrotoluene	9.698	165	68033	42.816	ng	99
52) Acenaphthene	9.951	154	274836	41.616	ng	100
53) 3-Nitroaniline	9.869	138	69341	43.666	ng	95
54) 2,4-Dinitrophenol	9.969	184	35009	39.540	ng	95
55) Dibenzofuran	10.122	168	384150	41.733	ng	98
56) 4-Nitrophenol	10.022	139	56772	43.207	ng	92
57) 2,4-Dinitrotoluene	10.098	165	93797	43.724	ng	98
58) Fluorene	10.463	166	308394	41.062	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	78416	42.649	ng	99
60) Diethylphthalate	10.333	149	309117	41.762	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	151085	41.394	ng	99
62) 4-Nitroaniline	10.480	138	74084	42.747	ng	99
63) Azobenzene	10.616	77	304718	41.856	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	47576	42.431	ng	99
66) n-Nitrosodiphenylamine	10.575	169	253492	40.812	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	86507	41.091	ng	99
68) Hexachlorobenzene	11.004	284	101998	41.281	ng	99
69) Atrazine	11.092	200	52614	35.582	ng	97
70) Pentachlorophenol	11.198	266	62310	42.028	ng	99
71) Phenanthrene	11.422	178	420347	41.011	ng	100
72) Anthracene	11.474	178	413130	41.225	ng	99
73) Carbazole	11.627	167	403886	42.110	ng	99
74) Di-n-butylphthalate	11.957	149	461409	43.185	ng	100
75) Fluoranthene	12.610	202	470986	43.029	ng	100
77) Benzidine	12.727	184	105088	61.279	ng	99
78) Pyrene	12.839	202	465845	45.326	ng	100
80) Butylbenzylphthalate	13.457	149	161379	46.131	ng	97
81) Benzo(a)anthracene	14.021	228	327176	41.265	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	94235	40.585	ng	100
83) Chrysene	14.063	228	302931	41.529	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	205015	46.068	ng	98
85) Di-n-octyl phthalate	14.627	149	275528	42.040	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	277501	41.114	ng	99
88) Benzo(b)fluoranthene	15.068	252	297319	42.471	ng	99
89) Benzo(k)fluoranthene	15.098	252	254468	39.424	ng	99
90) Benzo(a)pyrene	15.439	252	242495	41.767	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	232767	41.734	ng	98
92) Benzo(g,h,i)perylene	17.415	276	220611	39.949	ng	99

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

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