Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139199.D
Acq On : 28 Aug 2024 10:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 28 10:31:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	92923	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	340348	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	192848	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	338473	20.000	ng		0.00
76) Chrysene-d12	14.045	240	172984	20.000	ng		0.00
86) Perylene-d12	15.515	264	177987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	481700	87.107	ng		0.00
7) Phenol-d6	6.522	99	629634	82.963	ng		0.00
23) Nitrobenzene-d5	7.457	82	596211	97.048	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	165273	100.065	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1010118	81.363	ng		0.00
79) Terphenyl-d14	12.998	244	956184	86.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	104983	40.144	ng		97
3) Pyridine	3.422	79	264963	40.768	ng		99
4) n-Nitrosodimethylamine	3.381	42	147100	38.877	ng		96
6) Aniline	6.557	93	293267	41.223	ng		98
8) 2-Chlorophenol	6.681	128	239862	45.654	ng		96
9) Benzaldehyde	6.445	77	193519	40.739	ng		100
10) Phenol	6.534	94	332511	43.412	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	241480	40.014	ng		99
12) 1,3-Dichlorobenzene	6.834	146	284074	41.002	ng		99
13) 1,4-Dichlorobenzene	6.910	146	284258	40.894	ng		99
14) 1,2-Dichlorobenzene	7.063	146	266387	40.732	ng		98
15) Benzyl Alcohol	7.034	79	253989	44.400	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	351136	40.137	ng		99
17) 2-Methylphenol	7.139	107	204386	42.673	ng		97
18) Hexachloroethane	7.404	117	99849	45.403	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	195645	43.101	ng		100
20) 3+4-Methylphenols	7.292	107	262609	42.984	ng	#	85
22) Acetophenone	7.304	105	354624	40.552	ng		97
24) Nitrobenzene	7.475	77	312211	43.915	ng		97
25) Isophorone	7.710	82	512412	42.177	ng		100
26) 2-Nitrophenol	7.792	139	116616	52.575	ng		99
27) 2,4-Dimethylphenol	7.822	122	160920	44.689	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	290162	41.253	ng		99
29) 2,4-Dichlorophenol	8.028	162	207824	46.759	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	236283	41.225	ng		100
31) Naphthalene	8.198	128	712228	40.926	ng		100
32) Benzoic acid	7.928	122	153836	49.565	ng		99
33) 4-Chloroaniline	8.245	127	247371	41.248	ng		98
34) Hexachlorobutadiene	8.310	225	156582	42.041	ng		99
35) Caprolactam	8.610	113	63029	46.227	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	231792	45.473	ng		98
37) 2-Methylnaphthalene	8.886	142	455313	41.734	ng		99
38) 1-Methylnaphthalene	8.986	142	447938	42.008	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	234894	41.065	ng		99
41) Hexachlorocyclopentadiene	9.039	237	90172	49.093	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	161481	50.488	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	157833	47.079	ng		99
46) 1,1'-Biphenyl	9.351	154	573304	41.071	ng		100
47) 2-Chloronaphthalene	9.375	162	453609	40.733	ng		99
48) 2-Nitroaniline	9.469	65	148475	45.618	ng		96
49) Acenaphthylene	9.792	152	653367	41.638	ng		99
50) Dimethylphthalate	9.651	163	504253	45.264	ng		100
51) 2,6-Dinitrotoluene	9.710	165	114990	48.202	ng		90
52) Acenaphthene	9.963	154	439597	42.646	ng		99
53) 3-Nitroaniline	9.880	138	110694	45.753	ng		96
54) 2,4-Dinitrophenol	9.980	184	53763	57.198	ng	#	64
55) Dibenzofuran	10.133	168	626342	41.634	ng		99
56) 4-Nitrophenol	10.027	139	89631	46.373	ng		96
57) 2,4-Dinitrotoluene	10.110	165	150332	49.500	ng		92
58) Fluorene	10.475	166	493440	41.575	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132314	49.243	ng		99
60) Diethylphthalate	10.345	149	484743	46.208	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	248558	42.673	ng		99
62) 4-Nitroaniline	10.492	138	110298	45.106	ng		96
63) Azobenzene	10.627	77	539205	42.282	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	74783	54.779	ng		94
66) n-Nitrosodiphenylamine	10.586	169	413839	41.284	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	154845	43.056	ng		98
68) Hexachlorobenzene	11.022	284	165284	42.467	ng		98
69) Atrazine	11.110	200	89553	40.958	ng		100
70) Pentachlorophenol	11.210	266	113728	49.771	ng		98
71) Phenanthrene	11.439	178	691981	40.457	ng		100
72) Anthracene	11.486	178	682940	40.961	ng		99
73) Carbazole	11.639	167	607535	40.733	ng		99
74) Di-n-butylphthalate	11.974	149	629611	48.705	ng		100
75) Fluoranthene	12.621	202	679608	40.943	ng		100
77) Benzidine	12.745	184	169890	58.201	ng		98
78) Pyrene	12.851	202	678556	41.760	ng		100
80) Butylbenzylphthalate	13.468	149	169757	50.587	ng		97
81) Benzo(a)anthracene	14.039	228	469713	40.982	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	129406	48.493	ng		99
83) Chrysene	14.074	228	417116	40.344	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	212145	56.653	ng		100
85) Di-n-octyl phthalate	14.645	149	382195	49.542	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	505734	41.556	ng		100
88) Benzo(b)fluoranthene	15.086	252	450173	43.237	ng		100
89) Benzo(k)fluoranthene	15.115	252	372942	39.619	ng		99
90) Benzo(a)pyrene	15.457	252	372771	42.180	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	417828	41.888	ng		99
92) Benzo(g,h,i)perylene	17.451	276	429099	41.589	ng		99

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

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