Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139113.D
Acq On : 22 Aug 2024 10:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:00:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	92822	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	343989	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	206423	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	374434	20.000	ng	0.00
76) Chrysene-d12	14.057	240	220430	20.000	ng	0.00
86) Perylene-d12	15.533	264	197324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	483418	80.126	ng	0.00
7) Phenol-d6	6.522	99	639495	82.032	ng	0.00
23) Nitrobenzene-d5	7.463	82	591949	100.273	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	177903	95.201	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1058054	81.324	ng	0.00
79) Terphenyl-d14	13.004	244	1225485	92.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	105184	40.647	ng	99
3) Pyridine	3.440	79	272344	41.416	ng	100
4) n-Nitrosodimethylamine	3.398	42	154929	39.002	ng	99
6) Aniline	6.563	93	300421	42.688	ng	99
8) 2-Chlorophenol	6.681	128	237791	40.978	ng	99
9) Benzaldehyde	6.451	77	189909	41.537	ng	100
10) Phenol	6.539	94	339518	41.857	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	244710	37.514	ng	99
12) 1,3-Dichlorobenzene	6.839	146	283295	40.604	ng	100
13) 1,4-Dichlorobenzene	6.916	146	284066	40.721	ng	99
14) 1,2-Dichlorobenzene	7.069	146	266108	41.739	ng	99
15) Benzyl Alcohol	7.039	79	258007	41.875	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	354062	38.532	ng	99
17) 2-Methylphenol	7.145	107	204934	41.280	ng	99
18) Hexachloroethane	7.410	117	101144	41.348	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	203939	39.836	ng	99
20) 3+4-Methylphenols	7.298	107	268466	41.738	ng	99
22) Acetophenone	7.310	105	363970	41.440	ng	98
24) Nitrobenzene	7.481	77	313650	47.800	ng	100
25) Isophorone	7.716	82	529368	42.189	ng	100
26) 2-Nitrophenol	7.798	139	113312	49.343	ng	96
27) 2,4-Dimethylphenol	7.828	122	166026	41.727	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	298794	40.755	ng	100
29) 2,4-Dichlorophenol	8.033	162	211374	42.642	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	238360	41.066	ng	99
31) Naphthalene	8.204	128	720491	41.332	ng	100
32) Benzoic acid	7.933	122	165884	49.705	ng	96
33) 4-Chloroaniline	8.251	127	255271	42.759	ng	99
34) Hexachlorobutadiene	8.322	225	154987	40.877	ng	99
35) Caprolactam	8.622	113	69828	44.432	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	238684	43.488	ng	98
37) 2-Methylnaphthalene	8.892	142	474576	42.445	ng	98
38) 1-Methylnaphthalene	8.992	142	452216	41.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	239663	42.331	ng	99
41) Hexachlorocyclopentadiene	9.045	237	97792	45.024	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	164164	43.045	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	167343	42.748	ng		99
46) 1,1'-Biphenyl	9.357	154	592499	41.901	ng		99
47) 2-Chloronaphthalene	9.380	162	464740	40.449	ng		99
48) 2-Nitroaniline	9.475	65	157692	47.900	ng		97
49) Acenaphthylene	9.798	152	685859	41.671	ng		100
50) Dimethylphthalate	9.657	163	556884	43.698	ng		100
51) 2,6-Dinitrotoluene	9.716	165	124713	48.715	ng		98
52) Acenaphthene	9.969	154	462561	42.546	ng		100
53) 3-Nitroaniline	9.886	138	118521	46.014	ng	#	98
54) 2,4-Dinitrophenol	9.986	184	52107	56.704	ng		93
55) Dibenzofuran	10.139	168	670273	42.445	ng		99
56) 4-Nitrophenol	10.033	139	97778	50.759	ng		99
57) 2,4-Dinitrotoluene	10.116	165	165368	51.187	ng		96
58) Fluorene	10.486	166	530192	42.012	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	144914	46.105	ng		99
60) Diethylphthalate	10.357	149	560571	44.395	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	266663	42.308	ng		99
62) 4-Nitroaniline	10.498	138	123431	47.251	ng		98
63) Azobenzene	10.639	77	605902	43.180	ng		99
65) 4,6-Dinitro-2-methylph...	10.527	198	79475	55.789	ng		88
66) n-Nitrosodiphenylamine	10.592	169	456509	41.204	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	167500	42.217	ng		97
68) Hexachlorobenzene	11.027	284	180097	42.310	ng		99
69) Atrazine	11.121	200	144972	42.845	ng		99
70) Pentachlorophenol	11.222	266	128891	47.403	ng		98
71) Phenanthrene	11.445	178	773264	40.630	ng		100
72) Anthracene	11.498	178	763654	41.029	ng		100
73) Carbazole	11.651	167	700649	40.313	ng		100
74) Di-n-butylphthalate	11.986	149	861743	42.761	ng		99
75) Fluoranthene	12.633	202	812716	40.009	ng		99
77) Benzidine	12.751	184	249442	54.783	ng		99
78) Pyrene	12.863	202	812250	44.155	ng		100
80) Butylbenzylphthalate	13.480	149	302466	47.527	ng		97
81) Benzo(a)anthracene	14.045	228	612966	42.302	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	179919	44.421	ng		99
83) Chrysene	14.086	228	539940	41.110	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	397307	47.092	ng		100
85) Di-n-octyl phthalate	14.657	149	568765	48.032	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	520345	45.057	ng		100
88) Benzo(b)fluoranthene	15.104	252	518806	40.329	ng		99
89) Benzo(k)fluoranthene	15.133	252	460417	42.972	ng		99
90) Benzo(a)pyrene	15.468	252	428665	42.171	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	433744	45.754	ng		100
92) Benzo(g,h,i)perylene	17.468	276	427561	39.972	ng		100

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

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