Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031960.D
Acq On : 13 Jun 2024 03:50
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020287

Quant Time: Jun 13 04:37:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	418714	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	1591661	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	872098	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1565049	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1404331	20.000	ng/ul	0.00
88) Perylene-d12	24.221	264	1680522	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	70936	7.009	ng/uL	0.00
4) Pyridine-d5	3.587	84	507452	17.811	ng/ul	0.00
7) Phenol-d5	6.840	99	629858	17.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	363795	17.327	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	519651	18.973	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	484665	16.564	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	246248	20.234	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	265527	21.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	457537	19.495	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	595494	17.089	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1137518	18.723	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	1345615	19.262	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	198982	16.357	ng/ul	0.00
60) Fluorene-d10	15.304	176	934644	18.181	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	126874	16.128	ng/ul	0.00
73) Anthracene-d10	17.157	188	1323722	19.756	ng/ul	0.00
81) Pyrene-d10	19.451	212	1414759	18.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1535828	19.139	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	77648	7.170	ng/uL	98
5) Pyridine	3.605	79	498614	17.503	ng/ul	96
6) Benzaldehyde	6.810	77	320465	19.034	ng/ul	99
8) Phenol	6.869	94	640036	17.520	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.093	93	528356	17.491	ng/ul	99
12) 2-Chlorophenol	7.228	128	535370	18.679	ng/ul	100
13) 2-Methylphenol	8.110	108	480099	17.016	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	600825	17.279	ng/ul	99
16) Acetophenone	8.487	105	748263	16.874	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.469	70	362201	15.762	ng/ul	96
18) 4-Methylphenol	8.434	108	502646	16.434	ng/ul	94
19) Hexachloroethane	8.728	117	223661	18.428	ng/ul	89
22) Nitrobenzene	8.863	77	558968	19.278	ng/ul	95
23) Isophorone	9.387	82	1029512	17.309	ng/ul	99
25) 2-Nitrophenol	9.563	139	282522	20.570	ng/ul	98
26) 2,4-Dimethylphenol	9.628	107	512952	19.198	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.869	93	658852	17.774	ng/ul	99
29) 2,4-Dichlorophenol	10.098	162	443452	19.136	ng/ul	98
30) Naphthalene	10.493	128	1589560	19.297	ng/ul	99
32) 4-Chloroaniline	10.610	127	582785	17.226	ng/ul	99
33) Hexachlorobutadiene	10.769	225	300195	21.569	ng/ul	93
34) Caprolactam	11.392	113	132927	14.696	ng/ul	92
35) 4-Chloro-3-methylphenol	11.745	107	453836	16.755	ng/ul	100
36) 2-Methylnaphthalene	12.110	142	1004330	17.837	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	993952	17.593	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	498520	21.615	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	221838	16.688	ng/ul	94
41) 2,4,6-Trichlorophenol	12.734	196	320192	20.454	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	340686	20.027	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	1224401	19.960	ng/ul	94
44) 2-Chloronaphthalene	13.175	162	975683	20.308	ng/ul	98
45) 2-Nitroaniline	13.392	65	264533	18.994	ng/ul	94
47) Dimethylphthalate	13.769	163	1154621	18.582	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	237691	19.245	ng/ul	99
50) Acenaphthylene	14.028	152	1519887	19.251	ng/ul	99
51) 3-Nitroaniline	14.222	138	253511	19.198	ng/ul	97
52) Acenaphthene	14.369	153	1013219	19.396	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	77794	12.477	ng/ul	96
55) 4-Nitrophenol	14.545	109	150192	16.644	ng/ul	96
56) Dibenzofuran	14.704	168	1341430	18.900	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	320725	17.698	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.933	232	261991	18.412	ng/ul	99
59) Diethylphthalate	15.133	149	1139083	17.766	ng/ul	99
61) Fluorene	15.357	166	1054597	18.452	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.351	204	524993	18.965	ng/ul	96
63) 4-Nitroaniline	15.392	138	258215	20.541	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	139654	16.699	ng/ul#	97
67) N-Nitrosodiphenylamine	15.575	169	886943	20.560	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	311117	20.517	ng/ul	94
69) Hexachlorobenzene	16.357	284	345854	20.123	ng/ul	98
70) Atrazine	16.527	200	247857	18.197	ng/ul	98
71) Pentachlorophenol	16.710	266	205864	18.722	ng/ul	98
72) Phenanthrene	17.098	178	1561087	19.581	ng/ul	98
74) Anthracene	17.186	178	1595383	19.749	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	478031	23.731	ng/uL	97
76) Pentachlorobenzene	14.622	250	446032	22.733	ng/uL	98
77) Carbazole	17.463	167	1439735	20.901	ng/ul	98
78) Di-n-butylphthalate	18.027	149	1853151	19.554	ng/ul	99
80) Fluoranthene	19.116	202	1728462	19.246	ng/ul	99
82) Pyrene	19.480	202	1776251	19.277	ng/ul	99
83) Butylbenzylphthalate	20.392	149	808245	18.571	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	511598	18.997	ng/ul	96
85) Benzo(a)anthracene	21.274	228	1823067	19.395	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	1193603	18.814	ng/ul	100
87) Chrysene	21.333	228	1676216	19.091	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2098349	18.651	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1835244	18.270	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1941411	19.696	ng/ul	98
93) Benzo(a)pyrene	24.080	252	1769659	18.810	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.521	276	2266753	20.909	ng/ul	99
95) Dibenzo(a,h)anthracene	27.574	278	1880755	21.249	ng/ul	99
96) Benzo(g,h,i)perylene	28.550	276	1837877	21.326	ng/ul	97

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

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