Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043799.D
Acq On : 09 Jan 2024 12:34
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020188

Quant Time: Jan 10 00:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 17:19:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	343760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1604403	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	1055303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2264996	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	2217204	20.000	ng/ul	0.00
88) Perylene-d12	23.956	264	2402370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	69321	7.786	ng/uL	0.00
4) Pyridine-d5	3.781	84	525915	19.176	ng/ul	0.00
7) Phenol-d5	7.122	99	678134	19.493	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	437095	20.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	522273	20.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	562148	20.286	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	276889	20.593	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	315984	20.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	558099	20.583	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	793724	18.483	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	1827704	20.677	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	2055298	20.413	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	341079	19.728	ng/ul	0.00
60) Fluorene-d10	15.586	176	1524442	20.493	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	298611	18.673	ng/ul	0.00
73) Anthracene-d10	17.445	188	2344223	20.338	ng/ul	0.00
81) Pyrene-d10	19.739	212	2666221	19.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	2678819	20.200	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	77332	8.278	ng/uL	99
5) Pyridine	3.799	79	550526	19.564	ng/ul	99
6) Benzaldehyde	7.098	77	330236	23.955	ng/ul	98
8) Phenol	7.151	94	668690	19.137	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	556152	19.742	ng/ul	99
12) 2-Chlorophenol	7.510	128	530956	20.213	ng/ul	99
13) 2-Methylphenol	8.404	108	518627	19.269	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	957250	20.154	ng/ul	100
16) Acetophenone	8.792	105	864532	20.120	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	508687	21.418	ng/ul	100
18) 4-Methylphenol	8.739	108	583327	19.950	ng/ul	98
19) Hexachloroethane	9.022	117	228433	20.067	ng/ul	98
22) Nitrobenzene	9.169	77	666243	19.872	ng/ul	98
23) Isophorone	9.698	82	1420152	20.650	ng/ul	100
25) 2-Nitrophenol	9.881	139	328302	20.515	ng/ul	97
26) 2,4-Dimethylphenol	9.939	107	572309	18.437	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	818909	20.077	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	536771	19.968	ng/ul	99
30) Naphthalene	10.810	128	1866898	19.999	ng/ul	100
32) 4-Chloroaniline	10.939	127	765796	18.350	ng/ul	99
33) Hexachlorobutadiene	11.075	225	294036	19.548	ng/ul	98
34) Caprolactam	11.745	113	100469	10.380	ng/ul	99
35) 4-Chloro-3-methylphenol	12.063	107	624922	20.980	ng/ul	98
36) 2-Methylnaphthalene	12.422	142	1322064	20.316	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	1351677	20.832	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	605402	19.290	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	313136	14.918	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	436248	19.577	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	471816	19.940	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	1778945	19.742	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	1365976	19.673	ng/ul	99
45) 2-Nitroaniline	13.698	65	451994	20.626	ng/ul	99
47) Dimethylphthalate	14.063	163	1781027	20.044	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	360014	20.444	ng/ul	99
50) Acenaphthylene	14.321	152	2338945	19.892	ng/ul	100
51) 3-Nitroaniline	14.521	138	389413	20.912	ng/ul	99
52) Acenaphthene	14.657	153	1546967	19.840	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	197782	18.074	ng/ul	96
55) 4-Nitrophenol	14.839	109	257943	19.554	ng/ul	97
56) Dibenzofuran	14.992	168	2084623	19.899	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	533429	20.563	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.221	232	384116	19.484	ng/ul	99
59) Diethylphthalate	15.421	149	1918545	20.254	ng/ul	99
61) Fluorene	15.645	166	1802570	20.072	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	820018	19.506	ng/ul	99
63) 4-Nitroaniline	15.692	138	363195	24.277	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.745	198	316703	18.398	ng/ul	99
67) N-Nitrosodiphenylamine	15.857	169	1461749	19.610	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	495781	19.564	ng/ul	99
69) Hexachlorobenzene	16.639	284	583058	19.503	ng/ul	99
70) Atrazine	16.815	200	303683	11.264	ng/ul	98
71) Pentachlorophenol	16.992	266	314436	16.729	ng/ul	100
72) Phenanthrene	17.386	178	2777483	19.968	ng/ul	100
74) Anthracene	17.480	178	2810157	19.852	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	616159	19.405	ng/uL	99
76) Pentachlorobenzene	14.904	250	636993	19.661	ng/uL	100
77) Carbazole	17.762	167	2594662	19.773	ng/ul	99
78) Di-n-butylphthalate	18.321	149	3643320	20.446	ng/ul	100
80) Fluoranthene	19.403	202	3193718	19.060	ng/ul	100
82) Pyrene	19.768	202	3349168	19.287	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1638925	19.960	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.450	252	1075777	20.154	ng/ul	99
85) Benzo(a)anthracene	21.515	228	3349854	19.787	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	2619294	20.029	ng/ul	98
87) Chrysene	21.568	228	3019135	19.756	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	4256671	19.033	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	3232134	19.195	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	3293400	19.857	ng/ul	99
93) Benzo(a)pyrene	23.850	252	3050890	19.794	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.479	276	3612327	20.536	ng/ul	99
95) Dibenzo(a,h)anthracene	26.503	278	2992521	20.532	ng/ul	100
96) Benzo(g,h,i)perylene	27.256	276	2741169	20.521	ng/ul	99

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

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