Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101223\
Data File : BM042275.D
Acq On : 12 Oct 2023 12:24
Operator : MA/JU
Sample : SSTD02059
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020022

Quant Time: Oct 12 15:20:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:19:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	132929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	619646	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	382630	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.409	188	816247	20.000	ng/ul	0.00
79) Chrysene-d12	21.597	240	801430	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	868031	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	35279	8.899	ng/uL	0.00
4) Pyridine-d5	3.804	84	265024	25.147	ng/ul	0.00
7) Phenol-d5	7.157	99	297906	23.709	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	207411	24.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	209135	21.923	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	235042	24.163	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	108069	21.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	116195	20.739	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	210440	21.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	327339	22.763	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	674557	21.676	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	755163	21.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	134768	28.879	ng/ul	0.00
60) Fluorene-d10	15.651	176	556625	21.718	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	109519	19.886	ng/ul	0.00
73) Anthracene-d10	17.509	188	858292	21.383	ng/ul	0.00
81) Pyrene-d10	19.803	212	985607	20.557	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.915	264	975218	20.967	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	38585	9.287	ng/uL	100
5) Pyridine	3.822	79	274151	24.243	ng/ul	100
6) Benzaldehyde	7.169	77	188151	32.408	ng/ul	100
8) Phenol	7.187	94	301892	23.049	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.445	93	257367	24.116	ng/ul	100
12) 2-Chlorophenol	7.563	128	219043	22.442	ng/ul	100
13) 2-Methylphenol	8.451	108	221964	22.651	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	274644	16.741	ng/ul	100
16) Acetophenone	8.857	105	386591	23.866	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.828	70	225160	25.361	ng/ul	100
18) 4-Methylphenol	8.781	108	249737	23.572	ng/ul	100
19) Hexachloroethane	9.081	117	92203	20.472	ng/ul	100
22) Nitrobenzene	9.251	77	310587	23.462	ng/ul	100
23) Isophorone	9.763	82	602830	22.612	ng/ul	100
25) 2-Nitrophenol	9.957	139	126828	21.745	ng/ul	100
26) 2,4-Dimethylphenol	9.992	107	272080	21.923	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.251	93	372946	24.405	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	205048	21.787	ng/ul	100
30) Naphthalene	10.886	128	748454	21.254	ng/ul	100
32) 4-Chloroaniline	11.022	127	324362	22.696	ng/ul	100
33) Hexachlorobutadiene	11.116	225	117335	18.496	ng/ul	100
34) Caprolactam	11.833	113	71861	21.110	ng/ul	100
35) 4-Chloro-3-methylphenol	12.116	107	260372	23.758	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	509752	22.576	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	516287	22.485	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	242515	20.328	ng/ul	100
40) Hexachlorocyclopentadiene	12.786	237	136030	30.743	ng/ul	100
41) 2,4,6-Trichlorophenol	13.092	196	164115	21.243	ng/ul	100
42) 2,4,5-Trichlorophenol	13.157	196	177189	21.899	ng/ul	100
43) 1,1'-Biphenyl	13.492	154	670399	21.589	ng/ul	100
44) 2-Chloronaphthalene	13.545	162	515489	21.405	ng/ul	100
45) 2-Nitroaniline	13.774	65	190679	25.242	ng/ul	100
47) Dimethylphthalate	14.116	163	673244	21.661	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	126269	20.803	ng/ul	100
50) Acenaphthylene	14.386	152	876714	22.319	ng/ul	100
51) 3-Nitroaniline	14.604	138	146394	25.507	ng/ul	100
52) Acenaphthene	14.721	153	580132	21.718	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	71563	22.254	ng/ul	100
55) 4-Nitrophenol	14.886	109	112387	29.636	ng/ul	100
56) Dibenzofuran	15.057	168	779614	21.455	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	186505	21.439	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.274	232	149772	21.319	ng/ul	100
59) Diethylphthalate	15.468	149	701576	21.894	ng/ul	100
61) Fluorene	15.704	166	653662	21.670	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	311251	21.319	ng/ul	100
63) 4-Nitroaniline	15.762	138	146348	31.218	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.792	198	118326	21.789	ng/ul	100
67) N-Nitrosodiphenylamine	15.921	169	546124	21.908	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	176338	20.168	ng/ul	100
69) Hexachlorobenzene	16.674	284	199914	19.756	ng/ul	100
70) Atrazine	16.862	200	173949	19.364	ng/ul	100
71) Pentachlorophenol	17.039	266	122351	22.244	ng/ul	100
72) Phenanthrene	17.451	178	1024608	21.703	ng/ul	100
74) Anthracene	17.545	178	1050704	21.954	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	242358	19.362	ng/uL	100
76) Pentachlorobenzene	14.951	250	240010	19.651	ng/uL	100
77) Carbazole	17.827	167	962440	22.222	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1223874	21.394	ng/ul	100
80) Fluoranthene	19.462	202	1177179	20.913	ng/ul	100
82) Pyrene	19.833	202	1251746	20.963	ng/ul	100
83) Butylbenzylphthalate	20.709	149	544208	20.008	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.521	252	371931	19.023	ng/ul	100
85) Benzo(a)anthracene	21.580	228	1239083	21.598	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	807443	19.695	ng/ul	100
87) Chrysene	21.633	228	1146290	20.897	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	1444678	20.019	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	1208133	21.086	ng/ul	100
91) Benzo(k)fluoranthene	23.356	252	1205389	21.041	ng/ul	100
93) Benzo(a)pyrene	23.962	252	1150313	22.250	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.674	276	1391487	21.007	ng/ul	100
95) Dibenzo(a,h)anthracene	26.691	278	1153891	21.050	ng/ul	100
96) Benzo(g,h,i)perylene	27.491	276	1089714	20.508	ng/ul	100

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

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