Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100621\
Data File : BM032335.D
Acq On : 06 Oct 2021 08:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020067

Quant Time: Oct 06 10:06:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 06 10:06:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	210258	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	927246	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	619186	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1319146	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1366840	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1410670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.961	96	40050	7.64	ng/uL	0.00
4) Pyridine-d5	3.384	84	282813	19.09	ng/ul	0.00
7) Phenol-d5	6.807	99	334651	18.72	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.949	67	199050	19.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	265507	19.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.348	113	268030	18.56	ng/ul	0.00
21) Nitrobenzene-d5	8.778	128	121465	18.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.501	143	130627	18.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.042	165	271484	19.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.548	131	390564	18.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	849207	19.82	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1039950	19.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	153636	18.26	ng/ul	0.00
60) Fluorene-d10	15.260	176	728978	20.06	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	128515	17.09	ng/ul	0.00
73) Anthracene-d10	17.095	188	1140644	19.86	ng/ul	0.00
81) Pyrene-d10	19.377	212	1307537	19.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1415967	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	45094	7.90	ng/uL	97
5) Pyridine	3.408	79	279489	19.08	ng/ul	99
6) Benzaldehyde	6.749	77	204792	24.33	ng/ul	99
8) Phenol	6.837	94	342394	18.90	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.043	93	275799	19.35	ng/ul	100
12) 2-Chlorophenol	7.196	128	275216	19.52	ng/ul	99
13) 2-Methylphenol	8.084	108	261707	18.84	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.154	45	345459	19.57	ng/ul	99
16) Acetophenone	8.443	105	436608	20.64	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.431	70	212836	20.38	ng/ul	99
18) 4-Methylphenol	8.413	108	288934	19.85	ng/ul	99
19) Hexachloroethane	8.713	117	108608	19.36	ng/ul	99
22) Nitrobenzene	8.819	77	300599	19.35	ng/ul	98
23) Isophorone	9.337	82	587539	19.61	ng/ul	100
25) 2-Nitrophenol	9.531	139	147635	19.16	ng/ul	99
26) 2,4-Dimethylphenol	9.607	107	324824	19.72	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.825	93	382111	19.23	ng/ul	99
29) 2,4-Dichlorophenol	10.072	162	267896	19.39	ng/ul	98
30) Naphthalene	10.460	128	930592	19.58	ng/ul	99
32) 4-Chloroaniline	10.572	127	394161	18.96	ng/ul	98
33) Hexachlorobutadiene	10.772	225	173391	19.45	ng/ul	97
34) Caprolactam	11.295	113	85552	17.17	ng/ul	97
35) 4-Chloro-3-methylphenol	11.707	107	295235	19.42	ng/ul	99
36) 2-Methylnaphthalene	12.078	142	634726	19.64	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.301	142	651808	19.80	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.460	216	335931	19.68	ng/ul	98
40) Hexachlorocyclopentadiene	12.454	237	183264	18.42	ng/ul	98
41) 2,4,6-Trichlorophenol	12.701	196	211136	19.31	ng/ul	99
42) 2,4,5-Trichlorophenol	12.772	196	233623	19.47	ng/ul	98
43) 1,1'-Biphenyl	13.095	154	876836	19.75	ng/ul	99
44) 2-Chloronaphthalene	13.136	162	658904	19.47	ng/ul	98
45) 2-Nitroaniline	13.336	65	171644	19.00	ng/ul	99
47) Dimethylphthalate	13.719	163	849660	19.80	ng/ul	100
48) 2,6-Dinitrotoluene	13.836	165	153254	19.16	ng/ul	96
50) Acenaphthylene	13.989	152	1104571	20.05	ng/ul	100
51) 3-Nitroaniline	14.166	138	170944	20.45	ng/ul	99
52) Acenaphthene	14.330	153	721351	19.83	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	75325	14.64	ng/ul	95
55) 4-Nitrophenol	14.489	109	128504	18.92	ng/ul	96
56) Dibenzofuran	14.666	168	1053025	19.98	ng/ul	100
57) 2,4-Dinitrotoluene	14.624	165	234424	19.83	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.901	232	193420	19.85	ng/ul	98
59) Diethylphthalate	15.083	149	851862	19.90	ng/ul	99
61) Fluorene	15.313	166	843602	20.83	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.307	204	414894	20.28	ng/ul	99
63) 4-Nitroaniline	15.324	138	173305	22.42	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.389	198	132173	17.89	ng/ul	97
67) N-Nitrosodiphenylamine	15.519	169	741400	20.14	ng/ul	99
68) 4-Bromophenyl-phenylether	16.195	248	244318	19.22	ng/ul	98
69) Hexachlorobenzene	16.330	284	285110	19.47	ng/ul	99
70) Atrazine	16.460	200	269742	19.39	ng/ul	98
71) Pentachlorophenol	16.666	266	156891	17.77	ng/ul	99
72) Phenanthrene	17.036	178	1377872	20.24	ng/ul	100
74) Anthracene	17.124	178	1382585	20.21	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.072	216	356809	19.27	ng/uL	99
76) Pentachlorobenzene	14.601	250	360511	19.60	ng/uL	100
77) Carbazole	17.395	167	1265424	20.74	ng/ul	99
78) Di-n-butylphthalate	17.954	149	1412462	20.04	ng/ul	99
80) Fluoranthene	19.048	202	1619081	19.08	ng/ul	99
82) Pyrene	19.407	202	1678999	19.26	ng/ul	98
83) Butylbenzylphthalate	20.295	149	615424	18.61	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.077	252	569958	23.00	ng/ul	99
85) Benzo(a)anthracene	21.142	228	1602660	19.44	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.071	149	890715	19.37	ng/ul	100
87) Chrysene	21.195	228	1606899	19.80	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	1568655	19.52	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	1652105	19.25	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	1662490	21.36	ng/ul	100
93) Benzo(a)pyrene	23.212	252	1642287	20.23	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.424	276	1834158	20.44	ng/ul	99
95) Dibenzo(a,h)anthracene	25.430	278	1585580	20.59	ng/ul	99
96) Benzo(g,h,i)perylene	26.077	276	1578552	20.10	ng/ul	100

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

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