Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100621\
Data File : BM032345.D
Acq On : 06 Oct 2021 17:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020068

Quant Time: Oct 06 17:40:28 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	7.619	152	251710	20.00	ng/ul	0.00
20) Naphthalene-d8	10.413	136	1093586	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.272	164	711733	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1455667	20.00	ng/ul	0.00
79) Chrysene-d12	21.160	240	1433932	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1455603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.961	96	49452	7.88	ng/uL	0.00
4) Pyridine-d5	3.384	84	338170	19.07	ng/ul	0.00
7) Phenol-d5	6.807	99	401847	18.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.943	67	236355	19.23	ng/ul	0.00
11) 2-Chlorophenol-d4	7.160	132	318116	19.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.349	113	322099	18.63	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	147783	19.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.496	143	158414	19.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.043	165	322552	19.48	ng/ul	0.00
31) 4-Chloroaniline-d4	10.543	131	453590	18.57	ng/ul	0.00
46) Dimethylphthalate-d6	13.672	166	950589	19.30	ng/ul	0.00
49) Acenaphthylene-d8	13.960	160	1187280	19.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	172590	17.84	ng/ul	0.00
60) Fluorene-d10	15.260	176	821535	19.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.372	200	143640	17.31	ng/ul	0.00
73) Anthracene-d10	17.089	188	1262500	19.92	ng/ul	0.00
81) Pyrene-d10	19.377	212	1424554	19.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1439004	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	52054	7.62	ng/uL	98
5) Pyridine	3.408	79	337124	19.22	ng/ul	97
6) Benzaldehyde	6.749	77	247465	24.56	ng/ul	99
8) Phenol	6.831	94	413546	19.07	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.037	93	325682	19.09	ng/ul	98
12) 2-Chlorophenol	7.190	128	329952	19.54	ng/ul	99
13) 2-Methylphenol	8.084	108	313741	18.87	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.154	45	407952	19.31	ng/ul	99
16) Acetophenone	8.437	105	506306	19.99	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.425	70	247816	19.82	ng/ul	98
18) 4-Methylphenol	8.407	108	342794	19.67	ng/ul	98
19) Hexachloroethane	8.707	117	129309	19.25	ng/ul	99
22) Nitrobenzene	8.813	77	356678	19.47	ng/ul	99
23) Isophorone	9.337	82	686250	19.42	ng/ul	99
25) 2-Nitrophenol	9.531	139	175043	19.26	ng/ul	99
26) 2,4-Dimethylphenol	9.601	107	381306	19.62	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.819	93	451491	19.26	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	317573	19.49	ng/ul	100
30) Naphthalene	10.460	128	1097398	19.58	ng/ul	100
32) 4-Chloroaniline	10.566	127	459158	18.73	ng/ul	99
33) Hexachlorobutadiene	10.766	225	201182	19.13	ng/ul	99
34) Caprolactam	11.295	113	98203	16.71	ng/ul	96
35) 4-Chloro-3-methylphenol	11.707	107	344761	19.22	ng/ul	97
36) 2-Methylnaphthalene	12.078	142	743128	19.49	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	758530	19.54	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.460	216	387571	19.75	ng/ul	99
40) Hexachlorocyclopentadiene	12.454	237	211172	18.47	ng/ul	97
41) 2,4,6-Trichlorophenol	12.701	196	245444	19.53	ng/ul	99
42) 2,4,5-Trichlorophenol	12.772	196	266677	19.34	ng/ul	98
43) 1,1'-Biphenyl	13.095	154	1000662	19.61	ng/ul	99
44) 2-Chloronaphthalene	13.136	162	760174	19.55	ng/ul	98
45) 2-Nitroaniline	13.336	65	201873	19.44	ng/ul	98
47) Dimethylphthalate	13.719	163	952522	19.31	ng/ul	100
48) 2,6-Dinitrotoluene	13.831	165	173055	18.82	ng/ul	99
50) Acenaphthylene	13.989	152	1270368	20.06	ng/ul	99
51) 3-Nitroaniline	14.166	138	193752	20.16	ng/ul	99
52) Acenaphthene	14.331	153	825546	19.75	ng/ul	99
53) 2,4-Dinitrophenol	14.366	184	83913	14.19	ng/ul	93
55) 4-Nitrophenol	14.483	109	139425	17.86	ng/ul	97
56) Dibenzofuran	14.666	168	1185738	19.57	ng/ul	99
57) 2,4-Dinitrotoluene	14.619	165	262893	19.35	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.901	232	220829	19.72	ng/ul	98
59) Diethylphthalate	15.083	149	937825	19.06	ng/ul	99
61) Fluorene	15.313	166	939720	20.19	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.307	204	465974	19.82	ng/ul	99
63) 4-Nitroaniline	15.325	138	197373	22.22	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.389	198	145557	17.85	ng/ul	94
67) N-Nitrosodiphenylamine	15.519	169	819546	20.18	ng/ul	99
68) 4-Bromophenyl-phenylether	16.195	248	273444	19.49	ng/ul	96
69) Hexachlorobenzene	16.325	284	315787	19.54	ng/ul	98
70) Atrazine	16.460	200	293823	19.14	ng/ul	98
71) Pentachlorophenol	16.660	266	176329	18.10	ng/ul	98
72) Phenanthrene	17.036	178	1511078	20.11	ng/ul	100
74) Anthracene	17.124	178	1543424	20.45	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.072	216	411313	20.13	ng/uL	99
76) Pentachlorobenzene	14.601	250	406713	20.04	ng/uL	99
77) Carbazole	17.389	167	1396053	20.74	ng/ul	98
78) Di-n-butylphthalate	17.948	149	1537282	19.77	ng/ul	100
80) Fluoranthene	19.042	202	1757242	19.74	ng/ul	98
82) Pyrene	19.407	202	1829381	20.01	ng/ul	98
83) Butylbenzylphthalate	20.295	149	648963	18.70	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.077	252	585664	22.53	ng/ul	99
85) Benzo(a)anthracene	21.142	228	1698891	19.65	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.071	149	925555	19.19	ng/ul	99
87) Chrysene	21.195	228	1699636	19.96	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	1615450	19.49	ng/ul	100
90) Benzo(b)fluoranthene	22.665	252	1776669	20.06	ng/ul	99
91) Benzo(k)fluoranthene	22.706	252	1600373	19.92	ng/ul	99
93) Benzo(a)pyrene	23.212	252	1674340	19.98	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.424	276	1819718	19.65	ng/ul	99
95) Dibenzo(a,h)anthracene	25.430	278	1567798	19.73	ng/ul	99
96) Benzo(g,h,i)perylene	26.083	276	1558243	19.23	ng/ul	99

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

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