Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100721\
Data File : BM032347.D
Acq On : 07 Oct 2021 08:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020069

Quant Time: Oct 07 09:34:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 07 09:34:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	275852	20.00	ng/ul	0.00
20) Naphthalene-d8	10.407	136	1189956	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.265	164	762475	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.995	188	1560537	20.00	ng/ul	0.00
79) Chrysene-d12	21.159	240	1495105	20.00	ng/ul	0.00
88) Perylene-d12	23.306	264	1468410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	51843	7.53	ng/uL	0.00
4) Pyridine-d5	3.384	84	375958	19.34	ng/ul	0.00
7) Phenol-d5	6.801	99	438411	18.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.942	67	261565	19.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	347956	19.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	346399	18.28	ng/ul	0.00
21) Nitrobenzene-d5	8.772	128	159187	18.96	ng/ul	0.00
24) 2-Nitrophenol-d4	9.495	143	167229	18.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	349847	19.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.542	131	488597	18.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.671	166	1028683	19.49	ng/ul	0.00
49) Acenaphthylene-d8	13.954	160	1279773	19.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.471	143	182186	17.58	ng/ul	0.00
60) Fluorene-d10	15.254	176	881118	19.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	153814	17.29	ng/ul	0.00
73) Anthracene-d10	17.089	188	1360872	20.03	ng/ul	0.00
81) Pyrene-d10	19.377	212	1490219	19.81	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1460631	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	58304	7.79	ng/uL	98
5) Pyridine	3.401	79	369856	19.24	ng/ul	99
6) Benzaldehyde	6.742	77	271500	24.59	ng/ul	99
8) Phenol	6.831	94	453338	19.08	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.036	93	359332	19.22	ng/ul	98
12) 2-Chlorophenol	7.184	128	360441	19.48	ng/ul	99
13) 2-Methylphenol	8.078	108	342058	18.77	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.154	45	454130	19.61	ng/ul	99
16) Acetophenone	8.436	105	556267	20.04	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.425	70	270222	19.72	ng/ul	100
18) 4-Methylphenol	8.407	108	374483	19.61	ng/ul	98
19) Hexachloroethane	8.707	117	141232	19.19	ng/ul	98
22) Nitrobenzene	8.813	77	388548	19.49	ng/ul	99
23) Isophorone	9.330	82	741667	19.29	ng/ul	99
25) 2-Nitrophenol	9.525	139	188577	19.07	ng/ul	97
26) 2,4-Dimethylphenol	9.601	107	413907	19.58	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.819	93	493098	19.33	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	343372	19.36	ng/ul	97
30) Naphthalene	10.454	128	1198805	19.66	ng/ul	100
32) 4-Chloroaniline	10.566	127	500203	18.75	ng/ul	97
33) Hexachlorobutadiene	10.766	225	221284	19.34	ng/ul	98
34) Caprolactam	11.295	113	101824	15.93	ng/ul	98
35) 4-Chloro-3-methylphenol	11.707	107	372893	19.11	ng/ul	99
36) 2-Methylnaphthalene	12.071	142	806454	19.44	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.295	142	822577	19.47	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.454	216	421861	20.06	ng/ul	100
40) Hexachlorocyclopentadiene	12.448	237	228837	18.68	ng/ul	99
41) 2,4,6-Trichlorophenol	12.695	196	264569	19.65	ng/ul	97
42) 2,4,5-Trichlorophenol	12.766	196	292764	19.81	ng/ul	100
43) 1,1'-Biphenyl	13.095	154	1100901	20.14	ng/ul	99
44) 2-Chloronaphthalene	13.136	162	829031	19.90	ng/ul	100
45) 2-Nitroaniline	13.336	65	212121	19.06	ng/ul	98
47) Dimethylphthalate	13.718	163	1026241	19.42	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	186365	18.92	ng/ul	99
50) Acenaphthylene	13.983	152	1380984	20.36	ng/ul	99
51) 3-Nitroaniline	14.165	138	205774	19.99	ng/ul	97
52) Acenaphthene	14.330	153	893445	19.95	ng/ul	99
53) 2,4-Dinitrophenol	14.365	184	89263	14.09	ng/ul	93
55) 4-Nitrophenol	14.483	109	150281	17.97	ng/ul	97
56) Dibenzofuran	14.665	168	1287795	19.84	ng/ul	99
57) 2,4-Dinitrotoluene	14.618	165	279713	19.21	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.895	232	236512	19.71	ng/ul	98
59) Diethylphthalate	15.083	149	1010733	19.17	ng/ul	100
61) Fluorene	15.312	166	1013483	20.32	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.301	204	501573	19.91	ng/ul	99
63) 4-Nitroaniline	15.324	138	209358	22.00	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.383	198	154939	17.73	ng/ul	99
67) N-Nitrosodiphenylamine	15.512	169	883632	20.29	ng/ul	99
68) 4-Bromophenyl-phenylether	16.189	248	293966	19.55	ng/ul	99
69) Hexachlorobenzene	16.324	284	340526	19.66	ng/ul	99
70) Atrazine	16.454	200	308743	18.76	ng/ul	98
71) Pentachlorophenol	16.659	266	185421	17.76	ng/ul	98
72) Phenanthrene	17.036	178	1619227	20.10	ng/ul	100
74) Anthracene	17.124	178	1652051	20.42	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.066	216	443568	20.24	ng/uL	100
76) Pentachlorobenzene	14.595	250	437988	20.13	ng/uL	99
77) Carbazole	17.389	167	1478858	20.49	ng/ul	99
78) Di-n-butylphthalate	17.948	149	1610485	19.32	ng/ul	100
80) Fluoranthene	19.042	202	1847895	19.91	ng/ul	98
82) Pyrene	19.406	202	1913528	20.07	ng/ul	98
83) Butylbenzylphthalate	20.294	149	662528	18.31	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.077	252	589811	21.76	ng/ul	99
85) Benzo(a)anthracene	21.147	228	1759659	19.52	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.071	149	950890	18.91	ng/ul	100
87) Chrysene	21.194	228	1773138	19.97	ng/ul	100
89) Di-n-octyl phthalate	21.912	149	1614612	19.31	ng/ul	100
90) Benzo(b)fluoranthene	22.671	252	1792737	20.07	ng/ul	100
91) Benzo(k)fluoranthene	22.706	252	1670041	20.61	ng/ul	99
93) Benzo(a)pyrene	23.212	252	1717130	20.32	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.429	276	1818086	19.46	ng/ul	99
95) Dibenzo(a,h)anthracene	25.429	278	1580476	19.71	ng/ul	99
96) Benzo(g,h,i)perylene	26.076	276	1556443	19.04	ng/ul	100

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

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