Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016724.D
Acq On : 11 Sep 2018 16:05
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Sep 11 16:50:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	201473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	852740	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	467226	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1006898	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1140758	20.00	ng/ul	-0.01
86) Perylene-d12	23.56	264	1172183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	37877	8.04	ng/uL	0.00
5) Phenol-d5	6.90	99	331665	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	209307	19.89	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	272613	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	258765	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	114944	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	103276	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	255272	19.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	319473	20.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	728558	19.42	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	948638	19.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	117472	19.08	ng/ul	0.00
58) Fluorene-d10	15.37	176	648555	19.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	75902	18.36	ng/ul	0.00
71) Anthracene-d10	17.22	188	978513	20.14	ng/ul	0.00
79) Pyrene-d10	19.52	212	1052565	19.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1204023	19.69	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	40918	8.346	ng/uL#	81
4) Benzaldehyde	6.89	77	223523	23.373	ng/ul	92
6) Phenol	6.93	94	335357	19.770	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	258278	19.776	ng/ul	93
10) 2-Chlorophenol	7.30	128	277172	19.897	ng/ul	97
11) 2-Methylphenol	8.18	108	246271	19.371	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	402267	19.477	ng/ul#	94
14) Acetophenone	8.56	105	403777	19.812	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	198316	19.445	ng/ul#	90
16) 4-Methylphenol	8.50	108	266261	19.814	ng/ul	96
17) Hexachloroethane	8.81	117	110017	20.107	ng/ul	84
20) Nitrobenzene	8.93	77	287369	20.275	ng/ul	95
21) Isophorone	9.45	82	533787	18.951	ng/ul	98
23) 2-Nitrophenol	9.63	139	123084	20.929	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	296173	19.516	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.94	93	341765	19.629	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	247717	19.917	ng/ul	97
28) Naphthalene	10.57	128	867878	19.793	ng/ul	99
30) 4-Chloroaniline	10.68	127	317838	20.327	ng/ul	98
31) Hexachlorobutadiene	10.86	225	168660	20.090	ng/ul	98
32) Caprolactam	11.43	113	70153	17.836	ng/ul	86
33) 4-Chloro-3-methylphenol	11.80	107	253952	19.482	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	615085	19.909	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	615085	19.909	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	317812	19.806	ng/ul#	97
38) Hexachlorocyclopentadiene	12.54	237	189012	18.918	ng/ul#	99
39) 2,4,6-Trichlorophenol	12.80	196	175909	19.252	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	196984	19.754	ng/ul	97
41) 1,1'-Biphenyl	13.21	154	764644	19.673	ng/ul	97
42) 2-Chloronaphthalene	13.25	162	601853	19.786	ng/ul	97
43) 2-Nitroaniline	13.45	65	141136	21.063	ng/ul	95
45) Dimethylphthalate	13.84	163	715534	19.516	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	122537	21.760	ng/ul	96
48) Acenaphthylene	14.10	152	905614	19.746	ng/ul	99
49) 3-Nitroaniline	14.28	138	121861	19.900	ng/ul#	96
50) Acenaphthene	14.44	153	646567	19.857	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	44378	17.617	ng/ul#	80
53) 4-Nitrophenol	14.58	109	93552	19.718	ng/ul#	77
54) Dibenzofuran	14.77	168	882711	19.758	ng/ul	99
55) 2,4-Dinitrotoluene	14.74	165	183082	22.109	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	157553	19.534	ng/ul#	85
57) Diethylphthalate	15.22	149	712285	19.610	ng/ul	97
59) Fluorene	15.43	166	732251	19.951	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	377157	20.267	ng/ul	95
61) 4-Nitroaniline	15.45	138	149993	19.940	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.50	198	84484	18.228	ng/ul	93
65) N-Nitrosodiphenylamine	15.64	169	625052	20.068	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	223637	19.631	ng/ul	97
67) Hexachlorobenzene	16.43	284	246271	20.087	ng/ul#	93
68) Atrazine	16.60	200	213810	19.423	ng/ul	98
69) Pentachlorophenol	16.77	266	119586	18.037	ng/ul	98
70) Phenanthrene	17.17	178	1134796	20.290	ng/ul	99
72) Anthracene	17.26	178	1164858	20.286	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	328684	19.723	ng/uL	98
74) Pentachlorobenzene	14.69	250	304812	20.277	ng/uL	97
75) Carbazole	17.53	167	1010158	20.012	ng/ul	98
76) Di-n-butylphthalate	18.11	149	1128739	19.220	ng/ul	100
77) Fluoranthene	19.18	202	1291779	20.148	ng/ul#	89
80) Pyrene	19.55	202	1354480	19.337	ng/ul#	87
81) Butylbenzylphthalate	20.47	149	472870	18.254	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.23	252	411162	18.194	ng/ul#	96
83) Benzo(a)anthracene	21.30	228	1374139	19.458	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	740480	18.189	ng/ul	97
85) Chrysene	21.35	228	1315063	19.968	ng/ul	98
87) Di-n-octyl phthalate	22.15	149	1214662	17.247	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	1348943	19.226	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	1374889	20.408	ng/ul#	96
91) Benzo(a)pyrene	23.46	252	1334547	19.955	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.81	276	1569998	19.679	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.83	278	1319698	19.775	ng/ul#	95
94) Benzo(g,h,i)perylene	26.50	276	1302494	19.689	ng/ul#	92

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

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