Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016745.D
Acq On : 14 Sep 2018 10:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Manual Integrations APPROVED
Sohil
9/17/2018 10:01:02 AM

Quant Time: Sep 14 23:25:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 12 04:42:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	228102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	954563	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	518301	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1116410	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1225610	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1241867	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40949	7.68	ng/uL	0.00
5) Phenol-d5	6.90	99	358286	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	229640	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	291706	18.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	276759	18.59	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	126151	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	104665	18.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	272333	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	349434	19.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	775947	18.65	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1029389	19.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	120995	17.72	ng/ul	0.00
58) Fluorene-d10	15.37	176	704131	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	80203	17.50	ng/ul	0.00
71) Anthracene-d10	17.22	188	1047986	19.46	ng/ul	0.00
79) Pyrene-d10	19.51	212	1110717	18.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1217881	18.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	43207	7.784	ng/uL#	75
4) Benzaldehyde	6.88	77	241413	22.296	ng/ul	90
6) Phenol	6.93	94	364471	18.978	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	284777	19.259	ng/ul	93
10) 2-Chlorophenol	7.30	128	294810	18.693	ng/ul	98
11) 2-Methylphenol	8.17	108	266443	18.511	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	436228	18.656	ng/ul	96
14) Acetophenone	8.55	105	448991	19.458	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	215384	18.654	ng/ul	91
16) 4-Methylphenol	8.50	108	283521	18.635	ng/ul	99
17) Hexachloroethane	8.80	117	116345	18.782	ng/ul	88
20) Nitrobenzene	8.93	77	308099	19.419	ng/ul	92
21) Isophorone	9.45	82	571241	18.117	ng/ul	97
23) 2-Nitrophenol	9.63	139	124725	18.946	ng/ul#	88
24) 2,4-Dimethylphenol	9.69	107	318387	18.742	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.93	93	371157	19.044	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	265476	19.068	ng/ul	98
28) Naphthalene	10.56	128	956570	19.489	ng/ul	99
30) 4-Chloroaniline	10.67	127	355731	20.324	ng/ul	95
31) Hexachlorobutadiene	10.85	225	183801	19.559	ng/ul	97
32) Caprolactam	11.43	113	72823m	16.540	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	269451	18.466	ng/ul	94
34) 2-Methylnaphthalene	12.18	142	671523	19.417	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	671523	19.417	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	349435	19.631	ng/ul#	96
38) Hexachlorocyclopentadiene	12.53	237	194512	17.550	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.79	196	187766	18.524	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	213290	19.281	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	838522	19.447	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	663339	19.658	ng/ul	98
43) 2-Nitroaniline	13.45	65	140266	18.870	ng/ul	98
45) Dimethylphthalate	13.83	163	770059	18.933	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	124710	19.963	ng/ul	99
48) Acenaphthylene	14.09	152	990774	19.474	ng/ul	100
49) 3-Nitroaniline	14.27	138	131423	19.346	ng/ul#	98
50) Acenaphthene	14.43	153	697870	19.320	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	50199	17.965	ng/ul#	90
53) 4-Nitrophenol	14.57	109	95604	18.165	ng/ul	82
54) Dibenzofuran	14.77	168	961558	19.402	ng/ul	97
55) 2,4-Dinitrotoluene	14.73	165	187852	20.450	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.00	232	163155	18.235	ng/ul#	87
57) Diethylphthalate	15.21	149	741958	18.414	ng/ul	97
59) Fluorene	15.42	166	794280	19.509	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	407689	19.749	ng/ul	92
61) 4-Nitroaniline	15.44	138	161482	19.352	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.49	198	87985	17.121	ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	668434	19.356	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	242843	19.226	ng/ul	95
67) Hexachlorobenzene	16.42	284	265068	19.499	ng/ul#	93
68) Atrazine	16.59	200	219297	17.968	ng/ul	99
69) Pentachlorophenol	16.76	266	123437	16.792	ng/ul	97
70) Phenanthrene	17.16	178	1218774	19.653	ng/ul	99
72) Anthracene	17.25	178	1249771	19.630	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	365380	19.774	ng/uL	98
74) Pentachlorobenzene	14.69	250	329587	19.774	ng/uL	100
75) Carbazole	17.52	167	1076123	19.228	ng/ul	98
76) Di-n-butylphthalate	18.10	149	1141639	17.533	ng/ul	99
77) Fluoranthene	19.17	202	1373054	19.315	ng/ul#	88
80) Pyrene	19.54	202	1434245	19.058	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	431268	15.496	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.23	252	413672	17.038	ng/ul#	96
83) Benzo(a)anthracene	21.29	228	1448986	19.097	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	687984	15.729	ng/ul	97
85) Chrysene	21.34	228	1381198	19.520	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	1080093	14.476	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1441711	19.396	ng/ul#	97
89) Benzo(k)fluoranthene	22.92	252	1387265	19.436	ng/ul#	96
91) Benzo(a)pyrene	23.44	252	1381512	19.498	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.79	276	1582819	18.727	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.81	278	1343357	19.000	ng/ul#	95
94) Benzo(g,h,i)perylene	26.48	276	1318768	18.816	ng/ul#	92

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

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