Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016859.D
Acq On : 22 Sep 2018 07:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02073

Manual Integrations APPROVED
Sohil
9/24/2018 5:27:25 PM

Quant Time: Sep 24 01:34:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 05:13:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	218137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	928740	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	529323	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1206872	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1462382	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1552232	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	38550	7.56	ng/uL	0.00
5) Phenol-d5	6.89	99	353452	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	221637	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	299905	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	276493	19.42	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	140235	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	133159	24.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	284398	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	365735	21.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	830238	19.53	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1083388	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	154504	22.15	ng/ul	0.00
58) Fluorene-d10	15.35	176	775122	20.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	116603	23.54	ng/ul	0.00
71) Anthracene-d10	17.20	188	1196177	20.54	ng/ul	0.00
79) Pyrene-d10	19.50	212	1336638	18.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1622628	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	39882	7.513	ng/uL#	79
4) Benzaldehyde	6.87	77	237721	22.958	ng/ul	88
6) Phenol	6.92	94	358284	19.508	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	277281	19.609	ng/ul	97
10) 2-Chlorophenol	7.28	128	305850	20.279	ng/ul	95
11) 2-Methylphenol	8.16	108	263946	19.176	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	395215	17.674	ng/ul	97
14) Acetophenone	8.53	105	448792	20.338	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.52	70	212266	19.223	ng/ul	92
16) 4-Methylphenol	8.48	108	286456	19.688	ng/ul	98
17) Hexachloroethane	8.79	117	122493	20.677	ng/ul	89
20) Nitrobenzene	8.91	77	318964	20.663	ng/ul#	87
21) Isophorone	9.43	82	550398	17.941	ng/ul	97
23) 2-Nitrophenol	9.62	139	155308	24.247	ng/ul#	89
24) 2,4-Dimethylphenol	9.68	107	324506	19.634	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	368714	19.444	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	280615	20.716	ng/ul	99
28) Naphthalene	10.55	128	967676	20.263	ng/ul	100
30) 4-Chloroaniline	10.66	127	372592	21.879	ng/ul	97
31) Hexachlorobutadiene	10.83	225	196250	21.464	ng/ul	96
32) Caprolactam	11.42	113	71598m	16.714	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	283731	19.985	ng/ul	93
34) 2-Methylnaphthalene	12.16	142	689630	20.495	ng/ul	99

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35) 1-Methylnaphthalene	12.16	142	689630	20.495	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	370865	20.401	ng/ul	96
38) Hexachlorocyclopentadiene	12.51	237	211689	18.702	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.77	196	210380	20.323	ng/ul	99
40) 2,4,5-Trichlorophenol	12.84	196	227728	20.158	ng/ul	97
41) 1,1'-Biphenyl	13.19	154	870481	19.768	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	690452	20.035	ng/ul	98
43) 2-Nitroaniline	13.43	65	170066	22.402	ng/ul	96
45) Dimethylphthalate	13.82	163	817023	19.670	ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	156175	24.480	ng/ul	99
48) Acenaphthylene	14.07	152	1043861	20.090	ng/ul	98
49) 3-Nitroaniline	14.26	138	157665	22.726	ng/ul#	96
50) Acenaphthene	14.42	153	747169	20.254	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	68952	24.162	ng/ul	95
53) 4-Nitrophenol	14.57	109	117006	21.769	ng/ul#	78
54) Dibenzofuran	14.76	168	1064056	21.023	ng/ul	96
55) 2,4-Dinitrotoluene	14.72	165	240499	25.636	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	202597	22.171	ng/ul#	82
57) Diethylphthalate	15.19	149	824637	20.039	ng/ul	97
59) Fluorene	15.40	166	866902	20.849	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	453073	21.490	ng/ul	93
61) 4-Nitroaniline	15.43	138	191706	22.495	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.48	198	125108	22.520	ng/ul#	93
65) N-Nitrosodiphenylamine	15.62	169	743770	19.923	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	276802	20.272	ng/ul	96
67) Hexachlorobenzene	16.40	284	308421	20.988	ng/ul#	92
68) Atrazine	16.57	200	251528	19.064	ng/ul	99
69) Pentachlorophenol	16.75	266	163723	20.603	ng/ul	98
70) Phenanthrene	17.14	178	1398295	20.858	ng/ul	99
72) Anthracene	17.23	178	1421228	20.650	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	383881	19.218	ng/uL	99
74) Pentachlorobenzene	14.67	250	367425	20.392	ng/uL	98
75) Carbazole	17.51	167	1231504	20.355	ng/ul	98
76) Di-n-butylphthalate	18.08	149	1336753	18.990	ng/ul	99
77) Fluoranthene	19.16	202	1624647	21.141	ng/ul#	91
80) Pyrene	19.53	202	1730955	19.277	ng/ul#	89
81) Butylbenzylphthalate	20.44	149	588125	17.710	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.22	252	517894	17.877	ng/ul#	97
83) Benzo(a)anthracene	21.27	228	1809045	19.982	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	904288	17.327	ng/ul	98
85) Chrysene	21.33	228	1712008	20.278	ng/ul	98
87) Di-n-octyl phthalate	22.10	149	1499102	16.074	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1905154	20.506	ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1781993	19.974	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1826928	20.629	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	2166792	20.510	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.78	278	1812451	20.509	ng/ul#	95
94) Benzo(g,h,i)perylene	26.44	276	1804528	20.599	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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