Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092018\
Data File : BM016820.D
Acq On : 20 Sep 2018 12:02
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02069

Manual Integrations APPROVED
Sohil
9/21/2018 2:06:44 PM

Quant Time: Sep 21 02:41:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 21 02:02:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	249882	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1028459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	547218	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1185545	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1387389	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1456998	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	46380	7.94	ng/uL	0.00
5) Phenol-d5	6.89	99	398936	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	248194	19.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	337832	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	308023	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	152694	22.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	143219	23.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	309689	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	393078	20.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	853803	19.43	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1134785	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	147124	20.40	ng/ul	0.00
58) Fluorene-d10	15.36	176	775747	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	106379	21.86	ng/ul	0.00
71) Anthracene-d10	17.20	188	1179349	20.62	ng/ul	0.00
79) Pyrene-d10	19.50	212	1286915	19.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1515068	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	47991	7.892	ng/uL#	81
4) Benzaldehyde	6.87	77	267100	22.519	ng/ul	90
6) Phenol	6.92	94	402642	19.138	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	318046	19.635	ng/ul	95
10) 2-Chlorophenol	7.29	128	342237	19.809	ng/ul	98
11) 2-Methylphenol	8.16	108	297991	18.899	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	444019	17.334	ng/ul	97
14) Acetophenone	8.54	105	500307	19.792	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	234682	18.553	ng/ul	95
16) 4-Methylphenol	8.49	108	315107	18.906	ng/ul	96
17) Hexachloroethane	8.79	117	137296	20.232	ng/ul	89
20) Nitrobenzene	8.92	77	349477	20.445	ng/ul#	90
21) Isophorone	9.43	82	609479	17.941	ng/ul	98
23) 2-Nitrophenol	9.62	139	163912	23.109	ng/ul	90
24) 2,4-Dimethylphenol	9.68	107	354085	19.346	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	407568	19.409	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	304277	20.285	ng/ul	96
28) Naphthalene	10.55	128	1075519	20.338	ng/ul	99
30) 4-Chloroaniline	10.66	127	397930	21.101	ng/ul	99
31) Hexachlorobutadiene	10.83	225	215125	21.247	ng/ul	96
32) Caprolactam	11.42	113	69358m	14.621	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	297551	18.927	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	748048	20.076	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	748048	20.076	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	393965	20.963	ng/ul#	97
38) Hexachlorocyclopentadiene	12.52	237	239267	20.447	ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	217446	20.319	ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	240562	20.597	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	926062	20.343	ng/ul	96
42) 2-Chloronaphthalene	13.23	162	730861	20.515	ng/ul	98
43) 2-Nitroaniline	13.43	65	169732	21.627	ng/ul	99
45) Dimethylphthalate	13.82	163	845034	19.679	ng/ul	98
46) 2,6-Dinitrotoluene	13.94	165	151990	23.045	ng/ul	96
48) Acenaphthylene	14.08	152	1086165	20.221	ng/ul	99
49) 3-Nitroaniline	14.26	138	154560	21.550	ng/ul#	98
50) Acenaphthene	14.42	153	782661	20.523	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	66333	22.484	ng/ul#	91
53) 4-Nitrophenol	14.57	109	113424	20.412	ng/ul#	77
54) Dibenzofuran	14.76	168	1083500	20.708	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	231153	23.834	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.99	232	202657	21.453	ng/ul#	87
57) Diethylphthalate	15.19	149	814844	19.154	ng/ul	97
59) Fluorene	15.41	166	881414	20.505	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	459959	21.104	ng/ul	94
61) 4-Nitroaniline	15.43	138	186289	21.145	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.49	198	118942	21.796	ng/ul	98
65) N-Nitrosodiphenylamine	15.62	169	740381	20.189	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	272698	20.330	ng/ul	96
67) Hexachlorobenzene	16.41	284	305735	21.179	ng/ul#	94
68) Atrazine	16.58	200	242195	18.686	ng/ul	99
69) Pentachlorophenol	16.76	266	154120	19.743	ng/ul	100
70) Phenanthrene	17.14	178	1379791	20.952	ng/ul	99
72) Anthracene	17.24	178	1407521	20.819	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	412568	21.026	ng/uL	98
74) Pentachlorobenzene	14.67	250	375648	21.223	ng/uL	99
75) Carbazole	17.51	167	1195423	20.114	ng/ul	99
76) Di-n-butylphthalate	18.09	149	1275396	18.445	ng/ul	98
77) Fluoranthene	19.16	202	1556901	20.624	ng/ul#	89
80) Pyrene	19.53	202	1661042	19.498	ng/ul#	87
81) Butylbenzylphthalate	20.44	149	526150	16.701	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	489029	17.793	ng/ul#	96
83) Benzo(a)anthracene	21.28	228	1701244	19.807	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	821485	16.591	ng/ul	98
85) Chrysene	21.33	228	1638663	20.458	ng/ul	99
87) Di-n-octyl phthalate	22.11	149	1338496	15.290	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1681821	19.285	ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1744131	20.828	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1697200	20.417	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.77	276	2029239	20.464	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.79	278	1707080	20.580	ng/ul#	95
94) Benzo(g,h,i)perylene	26.45	276	1687329	20.520	ng/ul#	91

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

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