Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018149.D
Acq On : 14 Dec 2018 03:19
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Manual Integrations APPROVED
Sohil
12/14/2018 2:17:33 PM

Quant Time: Dec 14 05:30:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 01:52:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	519966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	279483	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	637376	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	747872	20.00	ng/ul	-0.01
85) Perylene-d12	23.30	264	795746	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	17996	8.08	ng/uL	0.00
5) Phenol-d5	6.70	99	218182	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	122110	22.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	174794	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	180628	21.80	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	87989	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	102574	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	186602	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	171240	22.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	510362	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	621253	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.41	143	88070	19.74	ng/ul	0.00
57) Fluorene-d10	15.17	176	435387	21.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	96030	19.77	ng/ul	0.00
70) Anthracene-d10	17.02	188	675805	20.98	ng/ul	0.00
78) Pyrene-d10	19.33	212	760380	21.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.16	264	908874	20.62	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	19622	7.998	ng/uL#	91
4) Benzaldehyde	6.67	77	39812m	22.079	ng/ul	
6) Phenol	6.73	94	215631	21.462	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	160093	21.696	ng/ul	98
10) 2-Chlorophenol	7.08	128	172198	21.614	ng/ul	98
11) 2-Methylphenol	7.96	108	167719	21.392	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.03	45	145890m	20.934	ng/ul	
14) Acetophenone	8.33	105	275856	22.033	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.32	70	143610	22.398	ng/ul	99
16) 4-Methylphenol	8.29	108	186387	21.860	ng/ul	96
17) Hexachloroethane	8.56	117	65083	20.635	ng/ul	97
20) Nitrobenzene	8.70	77	196164	20.302	ng/ul	97
21) Isophorone	9.23	82	408517	21.037	ng/ul	98
23) 2-Nitrophenol	9.41	139	106861	20.633	ng/ul	96
24) 2,4-Dimethylphenol	9.47	107	219454	21.350	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.71	93	241541	21.172	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	180282	21.280	ng/ul	98
28) Naphthalene	10.32	128	577057	20.626	ng/ul	98
30) 4-Chloroaniline	10.46	127	169975	21.588	ng/ul	96
31) Hexachlorobutadiene	10.60	225	110166	20.280	ng/ul	97
32) Caprolactam	11.25	113	62809m	19.194	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	206818	21.296	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	429734	20.703	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	215933	23.904	ng/ul	98
37) Hexachlorocyclopentadiene	12.29	237	92884	20.377	ng/ul	98
38) 2,4,6-Trichlorophenol	12.58	196	145430	23.532	ng/ul	96
39) 2,4,5-Trichlorophenol	12.66	196	151218	22.839	ng/ul	97
40) 1,1'-Biphenyl	12.99	154	506392	21.563	ng/ul	99
41) 2-Chloronaphthalene	13.02	162	393392	21.493	ng/ul	98
42) 2-Nitroaniline	13.26	65	100851	19.553	ng/ul	94
44) Dimethylphthalate	13.63	163	485690	20.633	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	103912	20.861	ng/ul	96
47) Acenaphthylene	13.88	152	579372	20.312	ng/ul	99
48) 3-Nitroaniline	14.10	138	99549	20.985	ng/ul	87
49) Acenaphthene	14.23	153	407852	20.300	ng/ul	99
50) 2,4-Dinitrophenol	14.32	184	61897	18.665	ng/ul	92
52) 4-Nitrophenol	14.42	109	69236	19.504	ng/ul	92
53) Dibenzofuran	14.57	168	576656	20.761	ng/ul	99
54) 2,4-Dinitrotoluene	14.57	165	151113	20.491	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.80	232	126078	20.967	ng/ul	97
56) Diethylphthalate	15.02	149	492972	20.232	ng/ul	99
58) Fluorene	15.22	166	484020	20.972	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.23	204	247683	21.303	ng/ul	96
60) 4-Nitroaniline	15.27	138	101742	19.488	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.33	198	93645	18.898	ng/ul	95
64) N-Nitrosodiphenylamine	15.44	169	433156	20.765	ng/ul	99
65) 4-Bromophenyl-phenylether	16.12	248	159444	21.161	ng/ul	98
66) Hexachlorobenzene	16.23	284	175173	21.109	ng/ul	99
67) Atrazine	16.41	200	153310	20.104	ng/ul	99
68) Pentachlorophenol	16.58	266	99954	20.341	ng/ul	98
69) Phenanthrene	16.97	178	781623	21.007	ng/ul	100
71) Anthracene	17.06	178	807608	21.091	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	196356	21.515	ng/uL	99
73) Pentachlorobenzene	14.49	250	198877	20.926	ng/uL	97
74) Carbazole	17.34	167	711438	20.418	ng/ul	98
75) Di-n-butylphthalate	17.91	149	872699	20.016	ng/ul	98
76) Fluoranthene	19.00	202	922219	21.368	ng/ul	99
79) Pyrene	19.36	202	946233	21.148	ng/ul	99
80) Butylbenzylphthalate	20.29	149	412983	19.299	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.07	252	357868	20.823	ng/ul	97
82) Benzo(a)anthracene	21.13	228	978859	20.681	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	615793	19.576	ng/ul	99
84) Chrysene	21.18	228	926186	20.971	ng/ul	99
86) Di-n-octyl phthalate	21.93	149	1081977	18.496	ng/ul	100
87) Benzo(b)fluoranthene	22.66	252	1000509	21.098	ng/ul	99
88) Benzo(k)fluoranthene	22.70	252	983745	20.846	ng/ul	99
90) Benzo(a)pyrene	23.21	252	961492	20.556	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.44	276	1084572	20.433	ng/ul	99
92) Dibenzo(a,h)anthracene	25.44	278	920777	20.417	ng/ul	98
93) Benzo(g,h,i)perylene	26.09	276	883897	19.981	ng/ul	99

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

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