Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018124.D
Acq On : 13 Dec 2018 10:43
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02095

Manual Integrations APPROVED
Sohil
12/13/2018 6:17:13 PM

Quant Time: Dec 13 11:23:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 06:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	74973	20.00	ng/ul	0.01
18) Naphthalene-d8	10.32	136	367338	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	233098	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.96	188	559243	20.00	ng/ul	0.01
77) Chrysene-d12	21.18	240	711208	20.00	ng/ul	0.01
85) Perylene-d12	23.36	264	844486	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	9782	5.97	ng/uL	0.00
5) Phenol-d5	6.75	99	137450	20.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.90	67	76444	18.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	112421	20.98	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	117198	20.95	ng/ul	0.02
19) Nitrobenzene-d5	8.71	128	59169	20.97	ng/ul	0.01
22) 2-Nitrophenol-d4	9.42	143	69118	21.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	125311	20.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	111250	21.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	416186	20.58	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	490193	20.03	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	63625	17.30	ng/ul	0.02
57) Fluorene-d10	15.20	176	346303	19.83	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	76515	19.14	ng/ul	0.02
70) Anthracene-d10	17.06	188	550859	19.78	ng/ul	0.01
78) Pyrene-d10	19.37	212	636197	18.49	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.23	264	894185	19.52	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	11094m	6.347	ng/uL	
4) Benzaldehyde	6.72	77	25081	19.644	ng/ul	95
6) Phenol	6.78	94	133969	19.601	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	101992	19.533	ng/ul	94
10) 2-Chlorophenol	7.12	128	110165	20.581	ng/ul	95
11) 2-Methylphenol	8.00	108	108509	20.809	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	113237	18.381	ng/ul	97
14) Acetophenone	8.37	105	180806	20.734	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.36	70	92657	20.372	ng/ul	96
16) 4-Methylphenol	8.33	108	118999	21.118	ng/ul	97
17) Hexachloroethane	8.60	117	43465	20.027	ng/ul	97
20) Nitrobenzene	8.75	77	124788	17.621	ng/ul#	89
21) Isophorone	9.27	82	266087	20.197	ng/ul	98
23) 2-Nitrophenol	9.45	139	71096	21.131	ng/ul	89
24) 2,4-Dimethylphenol	9.52	107	140777	20.030	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	151252	18.761	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	115250	19.832	ng/ul	96
28) Naphthalene	10.37	128	373124	19.495	ng/ul	98
30) 4-Chloroaniline	10.50	127	111302	20.656	ng/ul	99
31) Hexachlorobutadiene	10.63	225	69145	17.916	ng/ul	96
32) Caprolactam	11.30	113	46368	24.118	ng/ul	94
33) 4-Chloro-3-methylphenol	11.64	107	139832	21.187	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	285869	20.008	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	147281	18.936 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	54052	10.776 ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	100809	19.943 ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	110692	20.475 ng/ul	97
40) 1,1'-Biphenyl	13.02	154	376116	19.601 ng/ul	99
41) 2-Chloronaphthalene	13.06	162	282628	18.829 ng/ul	97
42) 2-Nitroaniline	13.29	65	85583	19.580 ng/ul	92
44) Dimethylphthalate	13.67	163	394765	20.146 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	83690	21.736 ng/ul	96
47) Acenaphthylene	13.92	152	463037	20.255 ng/ul	100
48) 3-Nitroaniline	14.14	138	77859	21.197 ng/ul	95
49) Acenaphthene	14.27	153	323714	19.648 ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	46916	17.972 ng/ul	96
52) 4-Nitrophenol	14.47	109	50413	16.668 ng/ul	95
53) Dibenzofuran	14.60	168	456894	19.598 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	127707	21.906 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.84	232	99936	20.048 ng/ul	95
56) Diethylphthalate	15.04	149	409941	20.308 ng/ul	99
58) Fluorene	15.26	166	385666	19.837 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.26	204	189000	18.925 ng/ul	99
60) 4-Nitroaniline	15.31	138	77730	19.035 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	76514	18.571 ng/ul	95
64) N-Nitrosodiphenylamine	15.48	169	345068	20.041 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	124350	19.459 ng/ul	96
66) Hexachlorobenzene	16.27	284	140074	19.720 ng/ul	97
67) Atrazine	16.44	200	129572	20.288 ng/ul	99
68) Pentachlorophenol	16.62	266	78771	17.825 ng/ul	94
69) Phenanthrene	17.00	178	626897	19.602 ng/ul	99
71) Anthracene	17.10	178	645659	19.741 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	144922	18.286 ng/uL	98
73) Pentachlorobenzene	14.53	250	155039	19.126 ng/uL	99
74) Carbazole	17.38	167	597480	20.732 ng/ul	99
75) Di-n-butylphthalate	17.94	149	762907	20.947 ng/ul	99
76) Fluoranthene	19.03	202	785711	20.887 ng/ul	99
79) Pyrene	19.40	202	799239	18.512 ng/ul	99
80) Butylbenzylphthalate	20.32	149	380628	20.618 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.10	252	297921	20.349 ng/ul	99
82) Benzo(a)anthracene	21.16	228	868798	19.695 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	573264	20.970 ng/ul	100
84) Chrysene	21.22	228	822073	19.926 ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1048478	17.726 ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	961914m	18.325 ng/ul	
88) Benzo(k)fluoranthene	22.76	252	932319	18.275 ng/ul	99
90) Benzo(a)pyrene	23.27	252	954023	19.165 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.53	276	1219689	23.124 ng/ul	99
92) Dibenzo(a,h)anthracene	25.53	278	1019366	22.890 ng/ul	99
93) Benzo(g,h,i)perylene	26.19	276	1020632	23.942 ng/ul	97

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

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