Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
Data File : BM016018.D
Acq On : 20 Jul 2018 14:34
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02046

Manual Integrations APPROVED
Sohil
7/23/2018 5:44:59 PM

Quant Time: Jul 21 01:14:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 23:12:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	46057	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	232152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	150918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	338228	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	402878	20.00	ng/ul	0.00
85) Perylene-d12	24.10	264	372654	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	8111	7.75	ng/uL	0.00
5) Phenol-d5	7.40	99	76008	18.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	48060	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	65554	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	70363	19.52	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	32861	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	38172	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	76767	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	101676	22.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	259128	18.84	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	307943	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	41915	17.58	ng/ul	0.00
57) Fluorene-d10	15.86	176	214181	18.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	37076	16.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	337914	19.51	ng/ul	0.00
78) Pyrene-d10	19.96	212	379087	20.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	403402	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	8359m	8.191	ng/uL	
4) Benzaldehyde	7.39	77	54665	20.207	ng/ul	90
6) Phenol	7.43	94	77665	18.377	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.67	93	55553	17.800	ng/ul#	84
10) 2-Chlorophenol	7.81	128	65554	19.313	ng/ul#	91
11) 2-Methylphenol	8.70	108	63655	19.583	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.78	45	96163	19.399	ng/ul#	91
14) Acetophenone	9.09	105	115426	19.273	ng/ul#	73
15) N-Nitroso-di-n-propylamine	9.06	70	61451	20.511	ng/ul#	68
16) 4-Methylphenol	9.03	108	72520	20.202	ng/ul	94
17) Hexachloroethane	9.33	117	31100	20.358	ng/ul	84
20) Nitrobenzene	9.48	77	91595	19.440	ng/ul#	88
21) Isophorone	10.00	82	165894	20.180	ng/ul#	95
23) 2-Nitrophenol	10.19	139	40608	19.964	ng/ul#	71
24) 2,4-Dimethylphenol	10.24	107	96735	20.794	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.47	93	93966	19.645	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	73384	20.420	ng/ul	97
28) Naphthalene	11.13	128	240099	19.515	ng/ul	99
30) 4-Chloroaniline	11.25	127	100056	22.470	ng/ul	98
31) Hexachlorobutadiene	11.38	225	49710	19.690	ng/ul	97
32) Caprolactam	12.03	113	23173	19.130	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.35	107	88871	21.062	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	180207	19.740	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	88543	18.903 ng/ul#	97
37) Hexachlorocyclopentadiene	13.04	237	30535	13.750 ng/ul	99
38) 2,4,6-Trichlorophenol	13.32	196	60940	20.149 ng/ul	98
39) 2,4,5-Trichlorophenol	13.40	196	62827	19.553 ng/ul	95
40) 1,1'-Biphenyl	13.72	154	242853	19.002 ng/ul	98
41) 2-Chloronaphthalene	13.76	162	187055	18.963 ng/ul	96
42) 2-Nitroaniline	13.98	65	65248	20.672 ng/ul#	73
44) Dimethylphthalate	14.33	163	258267	18.958 ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	47885	19.672 ng/ul#	68
47) Acenaphthylene	14.60	152	302037	19.657 ng/ul	99
48) 3-Nitroaniline	14.80	138	48850	19.489 ng/ul	88
49) Acenaphthene	14.94	153	213636	19.143 ng/ul	98
50) 2,4-Dinitrophenol	15.02	184	17990	13.374 ng/ul#	1
52) 4-Nitrophenol	15.10	109	54201	19.074 ng/ul#	73
53) Dibenzofuran	15.27	168	298844	18.765 ng/ul	91
54) 2,4-Dinitrotoluene	15.26	165	75294	19.272 ng/ul#	39
55) 2,3,4,6-Tetrachlorophenol	15.50	232	56714	19.376 ng/ul#	83
56) Diethylphthalate	15.67	149	274459	18.536 ng/ul	96
58) Fluorene	15.92	166	238722	18.501 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	118621	18.447 ng/ul	91
60) 4-Nitroaniline	15.96	138	49578	18.033 ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	16.02	198	38298	16.567 ng/ul#	71
64) N-Nitrosodiphenylamine	16.12	169	203985	19.470 ng/ul	100
65) 4-Bromophenyl-phenylether	16.79	248	71266	19.551 ng/ul	93
66) Hexachlorobenzene	16.91	284	77747	19.103 ng/ul#	85
67) Atrazine	17.06	200	79502	19.014 ng/ul	93
68) Pentachlorophenol	17.26	266	39454	18.033 ng/ul	95
69) Phenanthrene	17.65	178	378507	18.928 ng/ul	100
71) Anthracene	17.74	178	397390	19.273 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	96775	20.453 ng/uL	99
73) Pentachlorobenzene	15.19	250	92682	20.021 ng/uL	99
74) Carbazole	18.01	167	348106	18.628 ng/ul	97
75) Di-n-butylphthalate	18.53	149	468140	19.608 ng/ul#	97
76) Fluoranthene	19.63	202	450038	17.932 ng/ul#	95
79) Pyrene	19.99	202	477983	20.125 ng/ul	95
80) Butylbenzylphthalate	20.84	149	237142	20.755 ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.63	252	170115	19.196 ng/ul	100
82) Benzo(a)anthracene	21.71	228	505893	19.422 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	350028	20.890 ng/ul	95
84) Chrysene	21.76	228	470799	19.323 ng/ul	100
86) Di-n-octyl phthalate	22.51	149	615000	21.071 ng/ul#	85
87) Benzo(b)fluoranthene	23.39	252	474667m	19.857 ng/ul	
88) Benzo(k)fluoranthene	23.43	252	479640	20.990 ng/ul	99
90) Benzo(a)pyrene	24.00	252	448695	19.522 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.55	276	447719	15.843 ng/ul#	93
92) Dibenzo(a,h)anthracene	26.55	278	385212	16.097 ng/ul#	95
93) Benzo(g,h,i)perylene	27.30	276	346661	15.342 ng/ul	95

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

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