Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071718\
Data File : BM015983.D
Acq On : 18 Jul 2018 00:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Jul 18 01:03:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 18 01:01:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	46661	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	242244	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	152223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	369858	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	449102	20.00	ng/ul	0.00
85) Perylene-d12	24.11	264	475038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	8420	7.94	ng/uL	0.00
5) Phenol-d5	7.41	99	78496	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	49442	18.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	69271	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	73151	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	34421	19.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	37465	18.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	77062	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	102270	21.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	258092	18.60	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	302877	19.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	41584	17.29	ng/ul	0.00
57) Fluorene-d10	15.87	176	226992	19.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	40084	16.24	ng/ul	0.00
70) Anthracene-d10	17.71	188	349952	18.48	ng/ul	0.00
78) Pyrene-d10	19.97	212	401647	19.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	492828	18.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	8501	8.223	ng/uL#	78
4) Benzaldehyde	7.40	77	56839	20.739	ng/ul	86
6) Phenol	7.44	94	79545	18.578	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.67	93	58611	18.537	ng/ul#	85
10) 2-Chlorophenol	7.82	128	68985	20.061	ng/ul#	89
11) 2-Methylphenol	8.70	108	63090	19.158	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.77	45	98535	19.621	ng/ul#	90
14) Acetophenone	9.10	105	118873	19.591	ng/ul#	78
15) N-Nitroso-di-n-propylamine	9.07	70	62784	20.685	ng/ul#	65
16) 4-Methylphenol	9.04	108	71853	19.757	ng/ul	99
17) Hexachloroethane	9.34	117	31074	20.078	ng/ul	87
20) Nitrobenzene	9.49	77	94421	19.205	ng/ul	89
21) Isophorone	10.00	82	166823	19.447	ng/ul#	95
23) 2-Nitrophenol	10.20	139	41373	19.493	ng/ul#	68
24) 2,4-Dimethylphenol	10.25	107	95492	19.671	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.48	93	94090	18.851	ng/ul	99
27) 2,4-Dichlorophenol	10.73	162	74362	19.830	ng/ul	96
28) Naphthalene	11.13	128	245518	19.124	ng/ul	99
30) 4-Chloroaniline	11.25	127	101403	21.824	ng/ul	99
31) Hexachlorobutadiene	11.39	225	51966	19.726	ng/ul	94
32) Caprolactam	12.05	113	23452	18.554	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.36	107	88771	20.162	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	182253	19.133	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	91639	19.396 ng/ul#	96
37) Hexachlorocyclopentadiene	13.05	237	34622	15.457 ng/ul	96
38) 2,4,6-Trichlorophenol	13.33	196	60018	19.674 ng/ul	98
39) 2,4,5-Trichlorophenol	13.41	196	64283	19.834 ng/ul	99
40) 1,1'-Biphenyl	13.72	154	234140	18.164 ng/ul	99
41) 2-Chloronaphthalene	13.77	162	182906	18.384 ng/ul	99
42) 2-Nitroaniline	13.99	65	62932	19.767 ng/ul#	74
44) Dimethylphthalate	14.33	163	254683	18.535 ng/ul	100
45) 2,6-Dinitrotoluene	14.47	165	48422	19.722 ng/ul#	58
47) Acenaphthylene	14.61	152	297870	19.219 ng/ul	98
48) 3-Nitroaniline	14.80	138	46619	18.440 ng/ul	91
49) Acenaphthene	14.95	153	210404	18.692 ng/ul	97
50) 2,4-Dinitrophenol	15.03	184	18049	13.303 ng/ul#	1
52) 4-Nitrophenol	15.11	109	53847	18.787 ng/ul#	75
53) Dibenzofuran	15.28	168	307601	19.149 ng/ul	89
54) 2,4-Dinitrotoluene	15.26	165	76995	19.538 ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	15.50	232	57032	19.317 ng/ul#	82
56) Diethylphthalate	15.68	149	291415	19.512 ng/ul	96
58) Fluorene	15.92	166	249537	19.173 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.90	204	122373	18.868 ng/ul	93
60) 4-Nitroaniline	15.96	138	53863	19.423 ng/ul#	60
63) 4,6-Dinitro-2-methylphenol	16.02	198	41876	16.565 ng/ul#	74
64) N-Nitrosodiphenylamine	16.12	169	215133	18.778 ng/ul	98
65) 4-Bromophenyl-phenylether	16.79	248	73403	18.415 ng/ul	91
66) Hexachlorobenzene	16.92	284	81070	18.216 ng/ul#	87
67) Atrazine	17.06	200	83672	18.300 ng/ul	96
68) Pentachlorophenol	17.26	266	37842	15.817 ng/ul	95
69) Phenanthrene	17.65	178	405747	18.555 ng/ul	99
71) Anthracene	17.74	178	415198	18.415 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.69	216	95051	18.371 ng/uL	96
73) Pentachlorobenzene	15.20	250	91280	18.032 ng/uL	99
74) Carbazole	18.02	167	375364	18.369 ng/ul	99
75) Di-n-butylphthalate	18.53	149	502118	19.233 ng/ul#	97
76) Fluoranthene	19.64	202	482257	17.572 ng/ul#	95
79) Pyrene	20.00	202	502659	18.986 ng/ul#	94
80) Butylbenzylphthalate	20.84	149	255371	20.050 ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.63	252	184783	18.705 ng/ul	99
82) Benzo(a)anthracene	21.71	228	557099	19.187 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.59	149	373710	20.008 ng/ul	94
84) Chrysene	21.76	228	505622	18.616 ng/ul	98
86) Di-n-octyl phthalate	22.51	149	655072	17.606 ng/ul#	84
87) Benzo(b)fluoranthene	23.39	252	571644	18.760 ng/ul	98
88) Benzo(k)fluoranthene	23.43	252	545831	18.738 ng/ul	98
90) Benzo(a)pyrene	24.01	252	549124	18.742 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.56	276	627399	17.416 ng/ul#	92
92) Dibenzo(a,h)anthracene	26.56	278	532791	17.465 ng/ul	97
93) Benzo(g,h,i)perylene	27.31	276	491078	17.049 ng/ul#	94

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

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