Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016094.D
Acq On : 27 Jul 2018 09:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Manual Integrations APPROVED
Sohil
7/30/2018 5:47:19 PM

Quant Time: Jul 27 23:14:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 27 23:04:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55892	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	236518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	148303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	323636m	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	337206	20.00	ng/ul	0.00
85) Perylene-d12	24.04	264	291771	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	11406	8.98	ng/uL	0.00
5) Phenol-d5	7.36	99	87982	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	57693	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	78950	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	72073	16.48	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	36283	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	40689	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	75878	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	101313	22.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	260714	19.29	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	308882	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	39582	16.90	ng/ul	0.00
57) Fluorene-d10	15.82	176	214187	18.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	38336	17.75	ng/ul	0.00
70) Anthracene-d10	17.66	188	323690	19.54	ng/ul	0.00
78) Pyrene-d10	19.92	212	341898	21.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.89	264	317229	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	11039	8.914	ng/uL#	84
4) Benzaldehyde	7.35	77	67045	20.422	ng/ul	86
6) Phenol	7.39	94	89702	17.490	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.62	93	68807	18.168	ng/ul	89
10) 2-Chlorophenol	7.76	128	78672	19.099	ng/ul	92
11) 2-Methylphenol	8.65	108	68534	17.374	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	102508	17.041	ng/ul#	92
14) Acetophenone	9.05	105	119021	16.376	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.02	70	62417	17.167	ng/ul#	67
16) 4-Methylphenol	8.99	108	69652	15.989	ng/ul	92
17) Hexachloroethane	9.27	117	37832	20.407	ng/ul	84
20) Nitrobenzene	9.43	77	95491	19.893	ng/ul#	84
21) Isophorone	9.95	82	164732	19.668	ng/ul#	96
23) 2-Nitrophenol	10.15	139	43082	20.789	ng/ul#	66
24) 2,4-Dimethylphenol	10.19	107	98254	20.730	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.43	93	94835	19.461	ng/ul	100
27) 2,4-Dichlorophenol	10.67	162	73477	20.068	ng/ul	98
28) Naphthalene	11.07	128	245664	19.598	ng/ul	100
30) 4-Chloroaniline	11.19	127	97584	21.511	ng/ul	96
31) Hexachlorobutadiene	11.33	225	57063	22.186	ng/ul	96
32) Caprolactam	11.99	113	21674m	17.562	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	85825	19.965	ng/ul	99
34) 2-Methylnaphthalene	12.67	142	187148	20.122	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	95362	20.718 ng/ul#	96
37) Hexachlorocyclopentadiene	12.99	237	45895	21.031 ng/ul	99
38) 2,4,6-Trichlorophenol	13.27	196	62203	20.929 ng/ul	96
39) 2,4,5-Trichlorophenol	13.35	196	66464	21.049 ng/ul	95
40) 1,1'-Biphenyl	13.66	154	246799	19.652 ng/ul	97
41) 2-Chloronaphthalene	13.72	162	192622	19.872 ng/ul	98
42) 2-Nitroaniline	13.93	65	62806	20.249 ng/ul#	77
44) Dimethylphthalate	14.28	163	259522	19.386 ng/ul	100
45) 2,6-Dinitrotoluene	14.42	165	49296	20.608 ng/ul#	66
47) Acenaphthylene	14.56	152	301412	19.962 ng/ul	99
48) 3-Nitroaniline	14.76	138	47553	19.306 ng/ul	85
49) Acenaphthene	14.89	153	212505	19.378 ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	21635	16.367 ng/ul#	1
52) 4-Nitrophenol	15.06	109	53120	19.024 ng/ul#	73
53) Dibenzofuran	15.23	168	297705	19.023 ng/ul	87
54) 2,4-Dinitrotoluene	15.21	165	74711	19.460 ng/ul#	38
55) 2,3,4,6-Tetrachlorophenol	15.46	232	55433	19.272 ng/ul#	84
56) Diethylphthalate	15.63	149	285328	19.610 ng/ul	96
58) Fluorene	15.87	166	240793	18.990 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.86	204	120322	19.042 ng/ul	93
60) 4-Nitroaniline	15.92	138	48446	17.932 ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.97	198	39969	18.069 ng/ul#	69
64) N-Nitrosodiphenylamine	16.07	169	204339	20.383 ng/ul	96
65) 4-Bromophenyl-phenylether	16.74	248	71097	20.384 ng/ul	90
66) Hexachlorobenzene	16.87	284	75055	19.273 ng/ul#	90
67) Atrazine	17.01	200	79255	19.810 ng/ul	95
68) Pentachlorophenol	17.22	266	38016	18.159 ng/ul	96
69) Phenanthrene	17.60	178	369950m	19.334 ng/ul	
71) Anthracene	17.69	178	379570	19.239 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	97975	21.640 ng/uL	97
73) Pentachlorobenzene	15.14	250	90613	20.457 ng/uL	97
74) Carbazole	17.96	167	332121	18.574 ng/ul	97
75) Di-n-butylphthalate	18.49	149	483320	21.157 ng/ul#	97
76) Fluoranthene	19.59	202	421680	17.560 ng/ul#	94
79) Pyrene	19.95	202	430435	21.653 ng/ul#	93
80) Butylbenzylphthalate	20.80	149	224549	23.480 ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.59	252	139772	18.843 ng/ul	99
82) Benzo(a)anthracene	21.67	228	432210	19.825 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	313329	22.342 ng/ul	93
84) Chrysene	21.72	228	398362	19.534 ng/ul	99
86) Di-n-octyl phthalate	22.46	149	512934	22.445 ng/ul#	85
87) Benzo(b)fluoranthene	23.32	252	379138	20.257 ng/ul	98
88) Benzo(k)fluoranthene	23.37	252	377993	21.127 ng/ul	98
90) Benzo(a)pyrene	23.94	252	356237	19.796 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.46	276	363104	16.411 ng/ul#	92
92) Dibenzo(a,h)anthracene	26.45	278	306345	16.350 ng/ul#	95
93) Benzo(g,h,i)perylene	27.20	276	285905	16.161 ng/ul#	93

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

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