Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016106.D
Acq On : 27 Jul 2018 17:59
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02048

Manual Integrations APPROVED
Sohil
7/30/2018 5:47:50 PM

Quant Time: Jul 28 00:42:52 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	51257	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	233672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	140151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	320433	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	358416	20.00	ng/ul	0.00
85) Perylene-d12	24.04	264	353474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	10509	9.03	ng/uL	0.00
5) Phenol-d5	7.36	99	83807	17.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	55165	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	76136	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	73093	18.22	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	35920	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	41567	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	75641	20.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	102683	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	258375	20.23	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	298054	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	40623	18.35	ng/ul	0.00
57) Fluorene-d10	15.82	176	209969	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	36879	17.24	ng/ul	0.00
70) Anthracene-d10	17.66	188	318554	19.42	ng/ul	0.00
78) Pyrene-d10	19.92	212	353746	21.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.89	264	382799	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	9962	8.772	ng/uL#	85
4) Benzaldehyde	7.34	77	62463	20.747	ng/ul	84
6) Phenol	7.39	94	85461	18.170	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.62	93	65944	18.986	ng/ul#	85
10) 2-Chlorophenol	7.76	128	73568	19.475	ng/ul#	91
11) 2-Methylphenol	8.65	108	64002	17.693	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.73	45	99622m	18.058	ng/ul	
14) Acetophenone	9.05	105	120791	18.123	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.02	70	64748	19.419	ng/ul#	65
16) 4-Methylphenol	8.98	108	72758	18.212	ng/ul	97
17) Hexachloroethane	9.28	117	36032	21.194	ng/ul	88
20) Nitrobenzene	9.43	77	94952	20.021	ng/ul#	87
21) Isophorone	9.95	82	171370	20.710	ng/ul#	95
23) 2-Nitrophenol	10.14	139	44242	21.609	ng/ul#	71
24) 2,4-Dimethylphenol	10.19	107	96400	20.587	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.43	93	95527	19.841	ng/ul	97
27) 2,4-Dichlorophenol	10.67	162	74395	20.566	ng/ul	99
28) Naphthalene	11.07	128	242717	19.599	ng/ul	100
30) 4-Chloroaniline	11.19	127	100512	22.426	ng/ul	99
31) Hexachlorobutadiene	11.33	225	52239	20.557	ng/ul	98
32) Caprolactam	11.99	113	21652	17.758	ng/ul#	51
33) 4-Chloro-3-methylphenol	12.30	107	84226	19.831	ng/ul	97
34) 2-Methylnaphthalene	12.67	142	169842	18.484	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	86730	19.938 ng/ul#	95
37) Hexachlorocyclopentadiene	12.99	237	36223	17.564 ng/ul	98
38) 2,4,6-Trichlorophenol	13.27	196	59187	21.073 ng/ul	99
39) 2,4,5-Trichlorophenol	13.35	196	61497	20.609 ng/ul	99
40) 1,1'-Biphenyl	13.66	154	237390	20.002 ng/ul	99
41) 2-Chloronaphthalene	13.72	162	181270	19.789 ng/ul	97
42) 2-Nitroaniline	13.93	65	63667	21.720 ng/ul#	73
44) Dimethylphthalate	14.28	163	253733	20.056 ng/ul	99
45) 2,6-Dinitrotoluene	14.42	165	46982	20.783 ng/ul#	62
47) Acenaphthylene	14.56	152	289706	20.303 ng/ul	99
48) 3-Nitroaniline	14.76	138	47724	20.503 ng/ul	95
49) Acenaphthene	14.89	153	203511	19.637 ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	19162	15.340 ng/ul#	1
52) 4-Nitrophenol	15.06	109	53850	20.407 ng/ul#	70
53) Dibenzofuran	15.23	168	285224	19.285 ng/ul#	87
54) 2,4-Dinitrotoluene	15.21	165	73628	20.293 ng/ul#	45
55) 2,3,4,6-Tetrachlorophenol	15.45	232	55022	20.242 ng/ul#	77
56) Diethylphthalate	15.63	149	279887	20.354 ng/ul	96
58) Fluorene	15.87	166	232451	19.399 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.86	204	114502	19.175 ng/ul	93
60) 4-Nitroaniline	15.91	138	48598	19.034 ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.97	198	38270	17.474 ng/ul#	72
64) N-Nitrosodiphenylamine	16.07	169	198525	20.001 ng/ul	98
65) 4-Bromophenyl-phenylether	16.74	248	68746	19.907 ng/ul#	91
66) Hexachlorobenzene	16.86	284	71809	18.624 ng/ul#	84
67) Atrazine	17.01	200	79630	20.102 ng/ul	99
68) Pentachlorophenol	17.22	266	40031	19.313 ng/ul	98
69) Phenanthrene	17.60	178	366127	19.326 ng/ul	99
71) Anthracene	17.69	178	375630	19.229 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	92987	20.744 ng/uL	98
73) Pentachlorobenzene	15.14	250	86684	19.766 ng/uL	97
74) Carbazole	17.96	167	335248	18.937 ng/ul	98
75) Di-n-butylphthalate	18.49	149	505755	22.360 ng/ul#	97
76) Fluoranthene	19.59	202	434493	18.274 ng/ul	97
79) Pyrene	19.95	202	442235	20.930 ng/ul#	93
80) Butylbenzylphthalate	20.80	149	246458	24.246 ng/ul#	82
81) 3,3'-Dichlorobenzidine	21.59	252	156775	19.885 ng/ul	99
82) Benzo(a)anthracene	21.66	228	465727	20.098 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	367835	24.676 ng/ul	94
84) Chrysene	21.72	228	425647	19.637 ng/ul	99
86) Di-n-octyl phthalate	22.46	149	614286	22.188 ng/ul#	84
87) Benzo(b)fluoranthene	23.33	252	463773m	20.454 ng/ul	
88) Benzo(k)fluoranthene	23.37	252	423456	19.537 ng/ul	98
90) Benzo(a)pyrene	23.94	252	424872	19.488 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.46	276	470954	17.569 ng/ul	95
92) Dibenzo(a,h)anthracene	26.46	278	395852	17.439 ng/ul#	96
93) Benzo(g,h,i)perylene	27.20	276	362436	16.910 ng/ul#	94

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

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