Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062018\
Data File : BM015723.D
Acq On : 20 Jun 2018 16:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
Sohil
6/21/2018 6:30:51 PM

Quant Time: Jun 21 11:24:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 21 11:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	96791	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	432470	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	247453	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	563319	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	662435	20.00	ng/ul	0.00
85) Perylene-d12	24.19	264	649739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	16931m	8.50	ng/uL	0.00
5) Phenol-d5	7.46	99	153850	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	95515	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.84	132	132849	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	128258	16.94	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	60732	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	66048	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	133184	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	175034	24.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	396201	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	458462	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	64482	16.30	ng/ul	0.00
57) Fluorene-d10	15.92	176	336047	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	58088	17.12	ng/ul	0.00
70) Anthracene-d10	17.76	188	520750	20.28	ng/ul	0.00
78) Pyrene-d10	20.02	212	587136	20.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	665032	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17538	8.557	ng/uL	89
4) Benzaldehyde	7.45	77	100877	21.903	ng/ul	90
6) Phenol	7.49	94	159947	17.523	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.73	93	122080	18.038	ng/ul#	86
10) 2-Chlorophenol	7.87	128	136634	19.735	ng/ul#	89
11) 2-Methylphenol	8.76	108	119342	17.077	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.85	45	191670	16.925	ng/ul#	87
14) Acetophenone	9.16	105	206751	17.456	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.13	70	105849	16.891	ng/ul#	72
16) 4-Methylphenol	9.10	108	130145	16.705	ng/ul	100
17) Hexachloroethane	9.40	117	56703	20.777	ng/ul	94
20) Nitrobenzene	9.55	77	165017	21.009	ng/ul	89
21) Isophorone	10.07	82	278736	18.562	ng/ul	97
23) 2-Nitrophenol	10.26	139	75589	20.960	ng/ul#	83
24) 2,4-Dimethylphenol	10.30	107	162339	20.346	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.54	93	167770	18.687	ng/ul	99
27) 2,4-Dichlorophenol	10.79	162	132616	20.506	ng/ul	97
28) Naphthalene	11.20	128	437200	20.198	ng/ul	98
30) 4-Chloroaniline	11.32	127	176157	23.532	ng/ul	99
31) Hexachlorobutadiene	11.46	225	89651	22.600	ng/ul	98
32) Caprolactam	12.09	113	37598	15.219	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.42	107	141533	18.382	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	315759	19.021	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	158314	22.167 ng/ul	98
37) Hexachlorocyclopentadiene	13.11	237	59239	20.501 ng/ul	97
38) 2,4,6-Trichlorophenol	13.39	196	102303	21.859 ng/ul	97
39) 2,4,5-Trichlorophenol	13.46	196	108451	21.017 ng/ul	99
40) 1,1'-Biphenyl	13.78	154	404323	20.934 ng/ul	99
41) 2-Chloronaphthalene	13.83	162	320002	21.419 ng/ul	99
42) 2-Nitroaniline	14.04	65	97218	20.999 ng/ul#	77
44) Dimethylphthalate	14.39	163	404623	19.342 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	77178	19.893 ng/ul#	84
47) Acenaphthylene	14.67	152	475154	20.600 ng/ul	99
48) 3-Nitroaniline	14.86	138	76576	19.414 ng/ul	93
49) Acenaphthene	15.00	153	342264	20.106 ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	56058	24.154 ng/ul#	1
52) 4-Nitrophenol	15.15	109	68584	19.551 ng/ul#	82
53) Dibenzofuran	15.33	168	478307	19.971 ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	116959	19.414 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.56	232	91848	19.681 ng/ul#	94
56) Diethylphthalate	15.73	149	420933	19.144 ng/ul	98
58) Fluorene	15.98	166	386106	19.277 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.96	204	196335	19.692 ng/ul	96
60) 4-Nitroaniline	16.01	138	78781	16.459 ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	16.07	198	62351	17.196 ng/ul#	89
64) N-Nitrosodiphenylamine	16.17	169	334699	20.623 ng/ul	99
65) 4-Bromophenyl-phenylether	16.85	248	118784	20.747 ng/ul	97
66) Hexachlorobenzene	16.97	284	134218	20.056 ng/ul	98
67) Atrazine	17.11	200	123061	20.554 ng/ul	99
68) Pentachlorophenol	17.32	266	66990	17.401 ng/ul	98
69) Phenanthrene	17.71	178	614595	19.880 ng/ul	100
71) Anthracene	17.80	178	629375	19.987 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	159906	23.537 ng/uL	99
73) Pentachlorobenzene	15.25	250	153013	21.430 ng/uL	98
74) Carbazole	18.07	167	561427	19.288 ng/ul	99
75) Di-n-butylphthalate	18.59	149	705693	20.146 ng/ul#	98
76) Fluoranthene	19.69	202	727455	19.190 ng/ul	98
79) Pyrene	20.04	202	760183	20.456 ng/ul	97
80) Butylbenzylphthalate	20.89	149	348093	20.973 ng/ul	88
81) 3,3'-Dichlorobenzidine	21.68	252	247039	18.270 ng/ul	97
82) Benzo(a)anthracene	21.76	228	807632	20.108 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.64	149	511033	20.945 ng/ul	96
84) Chrysene	21.82	228	749655	19.891 ng/ul	99
86) Di-n-octyl phthalate	22.57	149	899313	21.994 ng/ul#	88
87) Benzo(b)fluoranthene	23.45	252	796289	20.620 ng/ul	99
88) Benzo(k)fluoranthene	23.50	252	788252	21.632 ng/ul	99
90) Benzo(a)pyrene	24.08	252	748214	20.278 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.67	276	806591	17.450 ng/ul	96
92) Dibenzo(a,h)anthracene	26.67	278	673889	17.278 ng/ul	97
93) Benzo(g,h,i)perylene	27.44	276	646539	16.969 ng/ul	95

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

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