Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004643.D
Acq On : 16 Mar 2016 19:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Mar 17 00:59:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 00:56:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	61587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	268882	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	154915	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	354476	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	410483	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	387578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	13936	7.81	ng/uL	0.00
5) Phenol-d5	7.00	99	103145	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	59122	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	82018	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	81097	19.88	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	36047	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	38216	18.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	78659	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	107324	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	237958	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	302161	20.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	43519	18.59	ng/ul	0.00
58) Fluorene-d10	15.47	176	214455	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	32157	17.26	ng/ul	0.00
71) Anthracene-d10	17.32	188	331493	20.31	ng/ul	0.00
79) Pyrene-d10	19.61	212	373094	19.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	347899	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	16432	7.89	ng/uL	92
4) Benzaldehyde	6.99	77	58302	20.78	ng/ul	99
6) Phenol	7.03	94	110007	20.66	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	85038	20.52	ng/ul	94
10) 2-Chlorophenol	7.40	128	87275	20.29	ng/ul	93
11) 2-Methylphenol	8.27	108	81192	19.84	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.37	45	103083	20.79	ng/ul#	92
14) Acetophenone	8.66	105	132763	20.86	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	61826	19.12	ng/ul	94
16) 4-Methylphenol	8.60	108	91115	20.22	ng/ul	98
17) Hexachloroethane	8.92	117	33717	19.74	ng/ul	96
20) Nitrobenzene	9.04	77	94169	20.41	ng/ul	95
21) Isophorone	9.56	82	169689	19.20	ng/ul	98
23) 2-Nitrophenol	9.75	139	44588	19.93	ng/ul	95
24) 2,4-Dimethylphenol	9.80	107	99115	20.23	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	113158	19.84	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	81601	19.99	ng/ul	98
28) Naphthalene	10.69	128	283844	20.25	ng/ul	100
30) 4-Chloroaniline	10.79	127	115464	23.18	ng/ul	97
31) Hexachlorobutadiene	10.97	225	49711	20.41	ng/ul	99
32) Caprolactam	11.55	113	23964	17.53	ng/ul	84
33) 4-Chloro-3-methylphenol	11.91	107	90436	19.58	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	203065	20.34	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	195259	20.35	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	100729	20.35	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	47892	17.87	ng/ul	99
39) 2,4,6-Trichlorophenol	12.90	196	62181	19.03	ng/ul	98
40) 2,4,5-Trichlorophenol	12.97	196	68785	19.51	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	259867	20.09	ng/ul	98
42) 2-Chloronaphthalene	13.35	162	196529	20.20	ng/ul	97
43) 2-Nitroaniline	13.56	65	49470	18.88	ng/ul	90
45) Dimethylphthalate	13.93	163	245010	19.93	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	43743	19.99	ng/ul	88
48) Acenaphthylene	14.20	152	325393	20.40	ng/ul	100
49) 3-Nitroaniline	14.38	138	50304	21.28	ng/ul	92
50) Acenaphthene	14.54	153	219031	20.39	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	19092	15.33	ng/ul#	92
53) 4-Nitrophenol	14.68	109	37544	19.78	ng/ul	91
54) Dibenzofuran	14.87	168	314028	20.54	ng/ul	96
55) 2,4-Dinitrotoluene	14.84	165	67090	20.32	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.10	232	59868	19.27	ng/ul	97
57) Diethylphthalate	15.30	149	247129	19.73	ng/ul	100
59) Fluorene	15.53	166	252730	20.70	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	119990	20.61	ng/ul	93
61) 4-Nitroaniline	15.54	138	54020	21.23	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.60	198	35840	17.71	ng/ul#	98
65) N-Nitrosodiphenylamine	15.73	169	217278	20.24	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	71932	20.15	ng/ul	93
67) Hexachlorobenzene	16.53	284	81855	20.42	ng/ul	96
68) Atrazine	16.68	200	73640	19.41	ng/ul	98
69) Pentachlorophenol	16.87	266	47257	18.18	ng/ul	97
70) Phenanthrene	17.26	178	413059	20.40	ng/ul	99
72) Anthracene	17.35	178	419755	20.58	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	98736	20.25	ng/uL	99
74) Pentachlorobenzene	14.79	250	95458	20.28	ng/uL	99
75) Carbazole	17.62	167	382703	20.99	ng/ul	99
76) Di-n-butylphthalate	18.19	149	405096	15.67	ng/ul	100
77) Fluoranthene	19.27	202	474254	21.20	ng/ul	97
80) Pyrene	19.64	202	507089	20.38	ng/ul	97
81) Butylbenzylphthalate	20.54	149	174737	17.56	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.32	252	135861	21.43	ng/ul	99
83) Benzo(a)anthracene	21.39	228	486761	20.32	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	260390	18.41	ng/ul	99
85) Chrysene	21.44	228	466383	20.38	ng/ul	100
87) Di-n-octyl phthalate	22.22	149	449417	19.40	ng/ul#	96
88) Benzo(b)fluoranthene	23.01	252	464570	20.10	ng/ul	100
89) Benzo(k)fluoranthene	23.06	252	460793	20.97	ng/ul	98
91) Benzo(a)pyrene	23.60	252	452785	20.44	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.04	276	487583	19.58	ng/ul	97
93) Dibenzo(a,h)anthracene	26.05	278	401532	19.48	ng/ul	99
94) Benzo(g,h,i)perylene	26.76	276	407569	19.32	ng/ul	99

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

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