Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009244.D
Acq On : 14 Mar 2017 06:55
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02035

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:55 PM

Quant Time: Mar 14 08:46:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	103703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	495336	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	384915	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1065728	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1559647	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1593463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	18604	7.90	ng/uL	0.00
5) Phenol-d5	7.03	99	198865	17.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	142531	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	127091	18.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	158118	17.67	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	71339	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	72691	18.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	160706	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	205044	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	625694	21.40	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	716763	21.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	119647	20.62	ng/ul	0.00
57) Fluorene-d10	15.51	176	581035	22.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	116028	18.20	ng/ul	0.00
70) Anthracene-d10	17.36	188	981130	19.45	ng/ul	0.00
78) Pyrene-d10	19.66	212	1255863	19.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1439851	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	19885	7.96	ng/uL#	53
4) Benzaldehyde	7.02	77	161251	21.45	ng/ul	82
6) Phenol	7.06	94	224652	18.75	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.30	93	160704	18.73	ng/ul#	81
10) 2-Chlorophenol	7.44	128	137400	19.43	ng/ul#	74
11) 2-Methylphenol	8.31	108	159081	18.33	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.41	45	274571	19.21	ng/ul#	89
14) Acetophenone	8.70	105	281939	18.75	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.68	70	178883	19.41	ng/ul#	80
16) 4-Methylphenol	8.63	108	176201	17.91	ng/ul	92
17) Hexachloroethane	8.95	117	58821	19.00	ng/ul#	79
20) Nitrobenzene	9.09	77	243330	20.63	ng/ul#	80
21) Isophorone	9.60	82	459604	19.70	ng/ul#	91
23) 2-Nitrophenol	9.79	139	81811	19.14	ng/ul#	58
24) 2,4-Dimethylphenol	9.85	107	223028	20.33	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.09	93	246763	19.29	ng/ul#	96
27) 2,4-Dichlorophenol	10.32	162	162663	19.59	ng/ul	94
28) Naphthalene	10.73	128	497767	19.60	ng/ul	98
30) 4-Chloroaniline	10.84	127	216274	20.40	ng/ul	100
31) Hexachlorobutadiene	11.00	225	109308	19.10	ng/ul	96
32) Caprolactam	11.61	113	65189m	18.80	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	215314	19.76	ng/ul	93
34) 2-Methylnaphthalene	12.33	142	401582	19.86	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	253823	21.92 ng/ul#	96
37) Hexachlorocyclopentadiene	12.67	237	126316	19.30 ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	153219	20.87 ng/ul	97
39) 2,4,5-Trichlorophenol	13.01	196	175508	20.87 ng/ul	98
40) 1,1'-Biphenyl	13.35	154	566680	21.01 ng/ul#	96
41) 2-Chloronaphthalene	13.39	162	446428	21.39 ng/ul	93
42) 2-Nitroaniline	13.60	65	179445	20.93 ng/ul#	66
44) Dimethylphthalate	13.97	163	626691	21.37 ng/ul	100
45) 2,6-Dinitrotoluene	14.10	165	126017	22.34 ng/ul#	76
47) Acenaphthylene	14.24	152	733830	21.80 ng/ul	98
48) 3-Nitroaniline	14.43	138	127955	21.30 ng/ul#	68
49) Acenaphthene	14.58	153	508002	21.46 ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	67435	18.24 ng/ul#	71
52) 4-Nitrophenol	14.72	109	146286	21.58 ng/ul#	72
53) Dibenzofuran	14.92	168	761209	21.81 ng/ul	97
54) 2,4-Dinitrotoluene	14.88	165	193032	22.21 ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.14	232	170874	21.17 ng/ul#	90
56) Diethylphthalate	15.33	149	664709	21.65 ng/ul	98
58) Fluorene	15.57	166	664349	22.06 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	349746	22.60 ng/ul	88
60) 4-Nitroaniline	15.59	138	153657	22.53 ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.65	198	124921	18.66 ng/ul	95
64) N-Nitrosodiphenylamine	15.77	169	594587	19.85 ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	218228	18.95 ng/ul#	86
66) Hexachlorobenzene	16.56	284	244153	19.06 ng/ul	95
67) Atrazine	16.72	200	231459	18.48 ng/ul	95
68) Pentachlorophenol	16.91	266	144278	17.15 ng/ul	93
69) Phenanthrene	17.31	178	1155264	19.48 ng/ul	99
71) Anthracene	17.40	178	1184245	19.58 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	235538	18.81 ng/uL	95
73) Pentachlorobenzene	14.83	250	259124	19.27 ng/uL	98
74) Carbazole	17.67	167	1086612	19.25 ng/ul	97
75) Di-n-butylphthalate	18.22	149	1211995	18.63 ng/ul#	97
76) Fluoranthene	19.32	202	1478644	19.78 ng/ul	97
79) Pyrene	19.69	202	1592310	19.65 ng/ul	96
80) Butylbenzylphthalate	20.57	149	611054	18.76 ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.36	252	617258	20.89 ng/ul#	95
82) Benzo(a)anthracene	21.42	228	1776666	19.93 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	885028	17.46 ng/ul	98
84) Chrysene	21.47	228	1668391	19.84 ng/ul	98
86) Di-n-octyl phthalate	22.24	149	1617494	18.88 ng/ul#	87
87) Benzo(b)fluoranthene	23.06	252	1842761	19.57 ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1833822	20.37 ng/ul#	98
90) Benzo(a)pyrene	23.67	252	1825363	19.94 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.16	276	2164315	19.71 ng/ul#	90
92) Dibenzo(a,h)anthracene	26.17	278	1790979	19.28 ng/ul#	96
93) Benzo(g,h,i)perylene	26.89	276	1776331	19.54 ng/ul#	92

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

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