Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012786.D
Acq On : 07 Nov 2017 09:24
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Nov 08 00:03:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 04:13:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	102570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	407858	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	246050	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	546547	20.00	ng/ul	-0.01
77) Chrysene-d12	21.37	240	532412	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	539587	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14637	7.71	ng/uL	0.00
5) Phenol-d5	6.98	99	147136	19.28	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	79836	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	125779	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	128376	19.49	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	60027	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	69379	20.12	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	140140	19.83	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	159140	23.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	403994	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	506782	20.12	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.66	143	58181	17.83	ng/ul	-0.02
57) Fluorene-d10	15.43	176	340388	19.52	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	63865	17.70	ng/ul	-0.01
70) Anthracene-d10	17.29	188	515100	19.51	ng/ul	-0.01
78) Pyrene-d10	19.58	212	534242	21.62	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.50	264	498323	19.53	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	15703	7.368	ng/uL	97
4) Benzaldehyde	6.95	77	93140	22.946	ng/ul	98
6) Phenol	7.00	94	150268	19.181	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	113538	19.334	ng/ul	99
10) 2-Chlorophenol	7.38	128	126729	19.351	ng/ul	98
11) 2-Methylphenol	8.25	108	115457	19.367	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	97759	20.149	ng/ul	94
14) Acetophenone	8.63	105	191935	19.363	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	93846	19.694	ng/ul	98
16) 4-Methylphenol	8.58	108	126529	19.556	ng/ul	97
17) Hexachloroethane	8.87	117	51002	19.347	ng/ul#	77
20) Nitrobenzene	9.00	77	134410	18.950	ng/ul	99
21) Isophorone	9.53	82	258558	20.244	ng/ul	99
23) 2-Nitrophenol	9.71	139	74584	20.089	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	148640	19.684	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.01	93	157893	19.831	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	135369	19.650	ng/ul	99
28) Naphthalene	10.65	128	396899	19.465	ng/ul	99
30) 4-Chloroaniline	10.76	127	158260	23.075	ng/ul	99
31) Hexachlorobutadiene	10.93	225	104328	19.255	ng/ul	97
32) Caprolactam	11.54	113	39066	20.163	ng/ul	88
33) 4-Chloro-3-methylphenol	11.89	107	134385	20.061	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	305526	19.606	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	187414	19.675 ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	122162	25.182 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	120699	20.052 ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	123993	19.744 ng/ul	97
40) 1,1'-Biphenyl	13.27	154	404875	19.893 ng/ul	98
41) 2-Chloronaphthalene	13.32	162	321136	19.972 ng/ul	93
42) 2-Nitroaniline	13.52	65	73901	19.452 ng/ul	97
44) Dimethylphthalate	13.90	163	397920	19.694 ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	83030	20.530 ng/ul	94
47) Acenaphthylene	14.16	152	487587	19.972 ng/ul	100
48) 3-Nitroaniline	14.35	138	72667	21.308 ng/ul	98
49) Acenaphthene	14.50	153	326125	19.611 ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	35653	14.114 ng/ul	86
52) 4-Nitrophenol	14.67	109	46814	16.262 ng/ul	95
53) Dibenzofuran	14.85	168	479743	19.779 ng/ul	90
54) 2,4-Dinitrotoluene	14.82	165	116010	19.504 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	110156	18.896 ng/ul#	85
56) Diethylphthalate	15.26	149	377634	19.243 ng/ul	97
58) Fluorene	15.49	166	388008	19.258 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	217343	19.415 ng/ul#	85
60) 4-Nitroaniline	15.52	138	76600	19.296 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	66863	17.599 ng/ul#	88
64) N-Nitrosodiphenylamine	15.70	169	333075	20.184 ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	144005	20.280 ng/ul#	83
66) Hexachlorobenzene	16.50	284	159268	19.865 ng/ul#	83
67) Atrazine	16.65	200	130699	19.839 ng/ul	95
68) Pentachlorophenol	16.85	266	71618	15.634 ng/ul	99
69) Phenanthrene	17.23	178	587530	19.667 ng/ul	99
71) Anthracene	17.32	178	611477	19.742 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	184188	20.617 ng/uL	98
73) Pentachlorobenzene	14.76	250	187125	20.469 ng/uL	99
74) Carbazole	17.59	167	498228	19.286 ng/ul	98
75) Di-n-butylphthalate	18.15	149	586885	19.388 ng/ul	100
76) Fluoranthene	19.24	202	670000	18.664 ng/ul#	93
79) Pyrene	19.61	202	691078	21.756 ng/ul#	92
80) Butylbenzylphthalate	20.50	149	235820	20.357 ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.29	252	237132	20.137 ng/ul#	96
82) Benzo(a)anthracene	21.35	228	636087	19.744 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	331258	19.630 ng/ul#	97
84) Chrysene	21.40	228	569985	19.522 ng/ul	99
86) Di-n-octyl phthalate	22.16	149	550770	19.404 ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	657762	19.947 ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	584447	18.647 ng/ul#	97
90) Benzo(a)pyrene	23.55	252	608412	19.390 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.96	276	753744	19.932 ng/ul#	88
92) Dibenzo(a,h)anthracene	25.97	278	635777	19.860 ng/ul#	94
93) Benzo(g,h,i)perylene	26.67	276	627932	20.151 ng/ul#	90

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

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