Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012317\
Data File : BM008805.D
Acq On : 23 Jan 2017 15:29
Operator : UM/SJ
Sample : SSTD08039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08039

Quant Time: Jan 23 16:03:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	87799	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.75	136	381957	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.58	164	326011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	2701525	20.00	ng/ul	0.10
75) Chrysene-d12	21.49	240	793630	20.00	ng/ul	0.00
83) Perylene-d12	23.86	264	629004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	56388	29.67	ng/uL	0.00
5) Phenol-d5	7.10	99	623795	86.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	48526	9.91	ng/ul	-0.16
9) 2-Chlorophenol-d4	7.47	132	418507	83.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	475661	85.02	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	206479	87.60	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.83	143	252214	98.46	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.36	165	520345	88.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	531797	81.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	1745009	81.13	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	2171562	85.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	289894	82.41	ng/ul	0.01
57) Fluorene-d10	15.57	176	1680103	84.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	371940	26.71	ng/ul	0.00
70) Anthracene-d10	17.43	188	2701525	23.21	ng/ul	0.00
76) Pyrene-d10	19.71	212	3071054	87.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.71	264	2315674	90.26	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	68823	30.47	ng/uL#	48
4) Benzaldehyde	7.09	77	494836	94.15	ng/ul#	73
6) Phenol	7.13	94	665284	85.83	ng/ul#	47
8) Bis(2-Chloroethyl)ether	7.37	93	488611	85.96	ng/ul#	75
10) 2-Chlorophenol	7.51	128	412129	80.09	ng/ul#	70
11) 2-Methylphenol	8.37	108	477747	83.89	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.47	45	911053	103.59	ng/ul#	91
14) Acetophenone	8.77	105	862467	87.75	ng/ul#	59
15) N-Nitroso-di-n-propylamine	8.77	70	571238	102.37	ng/ul#	68
16) 4-Methylphenol	8.72	108	503184	81.83	ng/ul	100
17) Hexachloroethane	9.02	117	253816	93.04	ng/ul	98
20) Nitrobenzene	9.16	77	878599	104.99	ng/ul#	80
21) Isophorone	9.69	82	1427161	96.42	ng/ul#	90
23) 2-Nitrophenol	9.86	139	257485	93.95	ng/ul#	13
24) 2,4-Dimethylphenol	9.91	107	732958	94.43	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.16	93	712921	91.05	ng/ul#	93
27) 2,4-Dichlorophenol	10.39	162	511376	87.55	ng/ul	92
28) Naphthalene	10.80	128	1474082	84.45	ng/ul	99
30) 4-Chloroaniline	10.91	127	556659	83.12	ng/ul	98
31) Hexachlorobutadiene	11.07	225	487467	93.09	ng/ul	96
32) Caprolactam	11.72	113	86755	48.54	ng/ul#	11
33) 4-Chloro-3-methylphenol	12.02	107	658926	93.90	ng/ul#	87
34) 2-Methylnaphthalene	12.40	142	1178138	87.06	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	846926	86.70	ng/ul#	97
37) Hexachlorocyclopentadiene	12.74	237	654010	94.12	ng/ul	99
38) 2,4,6-Trichlorophenol	13.01	196	510138	86.46	ng/ul	98
39) 2,4,5-Trichlorophenol	13.08	196	553157	86.99	ng/ul	98
40) 1,1'-Biphenyl	13.42	154	1717963	84.02	ng/ul	98
41) 2-Chloronaphthalene	13.46	162	1362454	84.91	ng/ul	98
42) 2-Nitroaniline	13.67	65	675217	120.93	ng/ul#	67
44) Dimethylphthalate	14.04	163	1734997	80.68	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	354291	94.41	ng/ul#	65
47) Acenaphthylene	14.30	152	2068288	83.11	ng/ul	98
48) 3-Nitroaniline	14.49	138	294441	77.44	ng/ul#	71
49) Acenaphthene	14.64	153	1451751	84.37	ng/ul	97
50) 2,4-Dinitrophenol	14.69	184	257266	98.69	ng/ul#	46
52) 4-Nitrophenol	14.79	109	591382	101.03	ng/ul#	66
53) Dibenzofuran	14.98	168	2184536	83.45	ng/ul	89
54) 2,4-Dinitrotoluene	14.94	165	525600	92.45	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.20	232	548887	91.31	ng/ul#	91
56) Diethylphthalate	15.40	149	1885500	83.35	ng/ul	96
58) Fluorene	15.63	166	1875047	87.39	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	1062707	87.33	ng/ul	93
60) 4-Nitroaniline	15.66	138	334139	80.41	ng/ul#	10
63) 4,6-Dinitro-2-methylphenol	15.70	198	373893	25.39	ng/ul#	65
64) N-Nitrosodiphenylamine	15.83	169	1597152	23.55	ng/ul	100
65) 4-Bromophenyl-phenylether	16.62	248	12956	0.46	ng/ul#	1
66) Hexachlorobenzene	16.62	284	724053	23.12	ng/ul#	87
67) Atrazine	16.79	200	686659	22.79	ng/ul	96
68) Pentachlorophenol	16.96	266	473330	24.02	ng/ul	98
69) Phenanthrene	17.46	178	3112563	23.94	ng/ul	100
71) Anthracene	17.46	178	3112563	23.29	ng/ul	100
72) Carbazole	17.73	167	2590085	21.78	ng/ul	98
73) Di-n-butylphthalate	18.28	149	3215309	23.00	ng/ul#	96
74) Fluoranthene	19.37	202	3724680	22.28	ng/ul#	95
77) Pyrene	19.74	202	3774423	88.42	ng/ul#	94
78) Butylbenzylphthalate	20.62	149	1413287	90.01	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.41	252	1159172	76.63	ng/ul	97
80) Benzo(a)anthracene	21.47	228	3577899	85.04	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.39	149	1961578	89.24	ng/ul	99
82) Chrysene	21.53	228	3313689	84.85	ng/ul	99
84) Di-n-octyl phthalate	22.30	149	3065963	93.60	ng/ul#	85
85) Benzo(b)fluoranthene	23.14	252	3097158	92.35	ng/ul#	97
86) Benzo(k)fluoranthene	23.19	252	2998488	92.51	ng/ul#	98
88) Benzo(a)pyrene	23.76	252	2924524	91.42	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.29	276	2958953	81.58	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.30	278	2575473	83.10	ng/ul#	95
91) Benzo(g,h,i)perylene	27.04	276	2464401	80.10	ng/ul#	94

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

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