Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008906.D
Acq On : 30 Jan 2017 11:42
Operator : SJ/MA
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 15:20:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 30 14:21:19 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD01054

Manual Integrations APPROVED
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1/31/2017 3:39:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	183958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	149692	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	358108m	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	454642	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	433727	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	4531	4.73	ng/uL	0.00
5) Phenol-d5	7.07	99	38743	9.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	34496	10.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	26343	10.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	29297	9.32	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	13660	11.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	14681	10.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	30011	10.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	25025	7.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	101901	10.39	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	118190	10.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	14809	9.03	ng/ul	0.00
57) Fluorene-d10	15.55	176	95259	10.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	19630	9.21	ng/ul	0.00
70) Anthracene-d10	17.40	188	155936	9.96	ng/ul	0.00
76) Pyrene-d10	19.69	212	191963	9.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	183753	10.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	6583	5.67	ng/uL#	70
4) Benzaldehyde	7.06	77	45256	13.71	ng/ul	93
6) Phenol	7.10	94	42069	9.62	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.34	93	33714	10.29	ng/ul#	87
10) 2-Chlorophenol	7.48	128	25301	9.37	ng/ul	94
11) 2-Methylphenol	8.35	108	29803	9.50	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.45	45	66870	10.86	ng/ul#	96
14) Acetophenone	8.75	105	57409	9.97	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.72	70	38481	10.25	ng/ul	97
16) 4-Methylphenol	8.68	108	30216	8.94	ng/ul	88
17) Hexachloroethane	9.00	117	16284	9.78	ng/ul#	83
20) Nitrobenzene	9.13	77	61403	11.90	ng/ul	93
21) Isophorone	9.65	82	89178	10.71	ng/ul#	95
23) 2-Nitrophenol	9.84	139	14330	9.71	ng/ul	89
24) 2,4-Dimethylphenol	9.88	107	46605	11.07	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.13	93	42338	10.20	ng/ul#	96
27) 2,4-Dichlorophenol	10.36	162	30599	10.46	ng/ul#	83
28) Naphthalene	10.77	128	88829	10.46	ng/ul	97
30) 4-Chloroaniline	10.88	127	27267	8.21	ng/ul#	87
31) Hexachlorobutadiene	11.04	225	29285	10.35	ng/ul	95
32) Caprolactam	11.66	113	9608m	10.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	41838	11.02	ng/ul#	86
34) 2-Methylnaphthalene	12.38	142	67403	9.78	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	46333	10.08	ng/ul#	90
37) Hexachlorocyclopentadiene	12.72	237	34444	9.69	ng/ul	89
38) 2,4,6-Trichlorophenol	12.99	196	28140	10.14	ng/ul	89
39) 2,4,5-Trichlorophenol	13.05	196	32380	10.86	ng/ul	96
40) 1,1'-Biphenyl	13.39	154	96247	10.40	ng/ul	92
41) 2-Chloronaphthalene	13.43	162	76296	10.48	ng/ul	96
42) 2-Nitroaniline	13.64	65	40456	11.20	ng/ul	98
44) Dimethylphthalate	14.01	163	101795	10.38	ng/ul	98
45) 2,6-Dinitrotoluene	14.13	165	17604	9.37	ng/ul	95
47) Acenaphthylene	14.28	152	113580	10.15	ng/ul	95
48) 3-Nitroaniline	14.46	138	15298	8.61	ng/ul#	98
49) Acenaphthene	14.62	153	84770	10.78	ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	11605	8.60	ng/ul#	78
52) 4-Nitrophenol	14.76	109	35057	10.37	ng/ul	97
53) Dibenzofuran	14.96	168	127921	10.58	ng/ul	90
54) 2,4-Dinitrotoluene	14.92	165	28028	9.72	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.17	232	30252	10.11	ng/ul#	94
56) Diethylphthalate	15.37	149	113038	10.60	ng/ul	99
58) Fluorene	15.60	166	108194	10.71	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.60	204	59118	10.10	ng/ul#	82
60) 4-Nitroaniline	15.63	138	21042	10.63	ng/ul#	73
63) 4,6-Dinitro-2-methylphenol	15.67	198	18067	8.19	ng/ul#	76
64) N-Nitrosodiphenylamine	15.81	169	91067	10.05	ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	38818m	9.98	ng/ul	
66) Hexachlorobenzene	16.60	284	41407	9.82	ng/ul	94
67) Atrazine	16.76	200	38432	9.27	ng/ul	93
68) Pentachlorophenol	16.94	266	24644	8.90	ng/ul#	81
69) Phenanthrene	17.34	178	181555m	10.29	ng/ul	
71) Anthracene	17.44	178	187677	10.40	ng/ul	99
72) Carbazole	17.71	167	162562	10.27	ng/ul	97
73) Di-n-butylphthalate	18.26	149	186971	9.82	ng/ul#	96
74) Fluoranthene	19.36	202	227111	9.91	ng/ul	98
77) Pyrene	19.72	202	239717	9.83	ng/ul#	95
78) Butylbenzylphthalate	20.60	149	82330	9.07	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.39	252	84229	9.91	ng/ul#	91
80) Benzo(a)anthracene	21.46	228	249623	10.21	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	117802	9.34	ng/ul	99
82) Chrysene	21.51	228	243021	10.69	ng/ul	99
84) Di-n-octyl phthalate	22.28	149	207910	8.26	ng/ul	100
85) Benzo(b)fluoranthene	23.11	252	238522	9.47	ng/ul	99
86) Benzo(k)fluoranthene	23.16	252	240908	10.07	ng/ul	98
88) Benzo(a)pyrene	23.73	252	235525	10.19	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.24	276	254593	10.97	ng/ul	94
90) Dibenzo(a,h)anthracene	26.25	278	213860	10.65	ng/ul	99
91) Benzo(g,h,i)perylene	26.97	276	207399	10.99	ng/ul	98

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

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