Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
Data File : BM008944.D
Acq On : 31 Jan 2017 17:51
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
2/1/2017 2:27:59 PM

Quant Time: Jan 31 23:57:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 23:49:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	37536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	161631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	137962	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	347782	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	480632	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	471748	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	6691	7.13	ng/uL	0.00
5) Phenol-d5	7.07	99	66257	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	58342	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	44012	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	51851	19.56	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	23280	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	27355	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	53824	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	52096	20.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	195407	19.32	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	232853	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	31677	19.19	ng/ul	0.00
57) Fluorene-d10	15.54	176	197469	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	37083	16.47	ng/ul	0.00
70) Anthracene-d10	17.40	188	336798	20.27	ng/ul	0.00
76) Pyrene-d10	19.69	212	418591	19.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	425117	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	8249	6.98	ng/uL	95
4) Benzaldehyde	7.06	77	75986	21.67	ng/ul	96
6) Phenol	7.09	94	72669	19.54	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.34	93	53554	19.05	ng/ul	97
10) 2-Chlorophenol	7.48	128	47173	21.09	ng/ul	93
11) 2-Methylphenol	8.35	108	48079	18.43	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.45	45	117760	21.15	ng/ul#	92
14) Acetophenone	8.74	105	95805	19.25	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.72	70	70105	21.45	ng/ul#	90
16) 4-Methylphenol	8.67	108	53974	19.38	ng/ul	99
17) Hexachloroethane	8.99	117	32918	23.11	ng/ul#	84
20) Nitrobenzene	9.12	77	109131	20.41	ng/ul#	92
21) Isophorone	9.65	82	165646	20.88	ng/ul	95
23) 2-Nitrophenol	9.83	139	27994	20.77	ng/ul#	85
24) 2,4-Dimethylphenol	9.88	107	84594	20.66	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.12	93	79820	19.79	ng/ul	94
27) 2,4-Dichlorophenol	10.36	162	50128	18.29	ng/ul	95
28) Naphthalene	10.77	128	163256	20.38	ng/ul	97
30) 4-Chloroaniline	10.88	127	52292	19.89	ng/ul	91
31) Hexachlorobutadiene	11.05	225	55505	20.51	ng/ul	92
32) Caprolactam	11.65	113	15395m	18.49	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	73867	20.28	ng/ul	96
34) 2-Methylnaphthalene	12.37	142	128299	20.45	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.74	216	93927	20.28	ng/ul	94
37) Hexachlorocyclopentadiene	12.72	237	60632	17.20	ng/ul#	85
38) 2,4,6-Trichlorophenol	12.98	196	51779	18.52	ng/ul	86
39) 2,4,5-Trichlorophenol	13.05	196	60567	19.87	ng/ul	94
40) 1,1'-Biphenyl	13.39	154	183490	19.56	ng/ul	96
41) 2-Chloronaphthalene	13.43	162	144420	19.64	ng/ul	97
42) 2-Nitroaniline	13.64	65	86125	21.73	ng/ul	91
44) Dimethylphthalate	14.00	163	192520	19.51	ng/ul	98
45) 2,6-Dinitrotoluene	14.13	165	37450	19.83	ng/ul	87
47) Acenaphthylene	14.27	152	222136	19.68	ng/ul	95
48) 3-Nitroaniline	14.46	138	33704	20.80	ng/ul	90
49) Acenaphthene	14.62	153	165440	20.42	ng/ul	98
50) 2,4-Dinitrophenol	14.67	184	21292	14.93	ng/ul	95
52) 4-Nitrophenol	14.75	109	74427	20.68	ng/ul	96
53) Dibenzofuran	14.95	168	253504	20.53	ng/ul	93
54) 2,4-Dinitrotoluene	14.92	165	58025	20.23	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.17	232	62470	21.26	ng/ul	97
56) Diethylphthalate	15.37	149	232452	21.27	ng/ul	98
58) Fluorene	15.60	166	216518	20.61	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.59	204	126417	21.05	ng/ul	93
60) 4-Nitroaniline	15.62	138	43763	20.88	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.67	198	39896	17.51	ng/ul#	97
64) N-Nitrosodiphenylamine	15.81	169	191206	19.88	ng/ul	95
65) 4-Bromophenyl-phenylether	16.49	248	80214	19.64	ng/ul	91
66) Hexachlorobenzene	16.60	284	88656	20.16	ng/ul	91
67) Atrazine	16.76	200	84089	19.38	ng/ul	95
68) Pentachlorophenol	16.94	266	53301	19.07	ng/ul#	80
69) Phenanthrene	17.34	178	367900	19.55	ng/ul	99
71) Anthracene	17.43	178	385633	19.93	ng/ul	96
72) Carbazole	17.70	167	338578	19.69	ng/ul	98
73) Di-n-butylphthalate	18.26	149	426109	20.92	ng/ul#	96
74) Fluoranthene	19.35	202	499896	19.89	ng/ul	97
77) Pyrene	19.72	202	523916	19.70	ng/ul	99
78) Butylbenzylphthalate	20.60	149	198506	20.11	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.39	252	190618	20.31	ng/ul#	94
80) Benzo(a)anthracene	21.46	228	581559	20.93	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.37	149	291179	21.09	ng/ul	97
82) Chrysene	21.51	228	536209	20.42	ng/ul	99
84) Di-n-octyl phthalate	22.27	149	517736	18.11	ng/ul	95
85) Benzo(b)fluoranthene	23.11	252	552326	19.35	ng/ul	98
86) Benzo(k)fluoranthene	23.16	252	528181	19.32	ng/ul	98
88) Benzo(a)pyrene	23.72	252	513619	18.84	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	26.23	276	577426	19.68	ng/ul	94
90) Dibenzo(a,h)anthracene	26.24	278	493313	19.70	ng/ul	97
91) Benzo(g,h,i)perylene	26.97	276	474714	19.76	ng/ul	97

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

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