Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008927.D
Acq On : 31 Jan 2017 00:19
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
1/31/2017 3:40:20 PM

Quant Time: Jan 31 03:38:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 02:42:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	44832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	197869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	159408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	383205	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	524685	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	475821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	7998	7.13	ng/uL	0.00
5) Phenol-d5	7.07	99	86662	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	72671	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	56418	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	63736	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	27830	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	30944	19.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.33	165	71189	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	61813	20.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	240742	20.60	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	272590	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	36492	19.13	ng/ul	0.00
57) Fluorene-d10	15.55	176	226067	20.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	45303	18.26	ng/ul	0.00
70) Anthracene-d10	17.40	188	382980	20.92	ng/ul	0.00
76) Pyrene-d10	19.69	212	465519	20.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	445738	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	11476	8.13	ng/uL	90
4) Benzaldehyde	7.06	77	87710	20.94	ng/ul	95
6) Phenol	7.10	94	92857	20.90	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.34	93	67470	20.09	ng/ul	94
10) 2-Chlorophenol	7.48	128	55669	20.84	ng/ul	99
11) 2-Methylphenol	8.35	108	62163	19.96	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.45	45	142871	21.48	ng/ul	97
14) Acetophenone	8.75	105	122495	20.61	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.72	70	86712	22.22	ng/ul	97
16) 4-Methylphenol	8.67	108	67925	20.42	ng/ul	97
17) Hexachloroethane	8.99	117	38116	22.41	ng/ul	93
20) Nitrobenzene	9.13	77	130889	20.00	ng/ul	99
21) Isophorone	9.65	82	198890	20.48	ng/ul	98
23) 2-Nitrophenol	9.83	139	33031	20.02	ng/ul	96
24) 2,4-Dimethylphenol	9.88	107	104776	20.90	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.13	93	98627	19.97	ng/ul	95
27) 2,4-Dichlorophenol	10.36	162	67407	20.09	ng/ul	92
28) Naphthalene	10.77	128	198045	20.20	ng/ul	97
30) 4-Chloroaniline	10.88	127	64009	19.89	ng/ul	96
31) Hexachlorobutadiene	11.05	225	66083	19.94	ng/ul	92
32) Caprolactam	11.65	113	18459m	18.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	86710	19.45	ng/ul	98
34) 2-Methylnaphthalene	12.38	142	157645	20.53	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.74	216	108427	20.26	ng/ul	96
37) Hexachlorocyclopentadiene	12.72	237	76327	18.74	ng/ul	93
38) 2,4,6-Trichlorophenol	12.98	196	63943	19.79	ng/ul	98
39) 2,4,5-Trichlorophenol	13.05	196	73071	20.74	ng/ul	90
40) 1,1'-Biphenyl	13.39	154	222855	20.56	ng/ul	92
41) 2-Chloronaphthalene	13.43	162	171818	20.23	ng/ul	93
42) 2-Nitroaniline	13.64	65	91612	20.00	ng/ul#	91
44) Dimethylphthalate	14.01	163	233442	20.48	ng/ul#	97
45) 2,6-Dinitrotoluene	14.13	165	43434	19.91	ng/ul	90
47) Acenaphthylene	14.28	152	260570	19.98	ng/ul	99
48) 3-Nitroaniline	14.47	138	38323	20.47	ng/ul	97
49) Acenaphthene	14.62	153	196917	21.03	ng/ul	99
50) 2,4-Dinitrophenol	14.67	184	26216	15.91	ng/ul	92
52) 4-Nitrophenol	14.76	109	84315	20.27	ng/ul	89
53) Dibenzofuran	14.96	168	291285	20.41	ng/ul	98
54) 2,4-Dinitrotoluene	14.92	165	71080	21.44	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.17	232	71339	21.01	ng/ul#	94
56) Diethylphthalate	15.37	149	267347	21.17	ng/ul	97
58) Fluorene	15.60	166	251419	20.71	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.60	204	145924	21.03	ng/ul#	87
60) 4-Nitroaniline	15.63	138	50289	20.76	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.67	198	47372	18.87	ng/ul#	97
64) N-Nitrosodiphenylamine	15.81	169	218191	20.59	ng/ul	98
65) 4-Bromophenyl-phenylether	16.49	248	90776	20.18	ng/ul	88
66) Hexachlorobenzene	16.60	284	100696	20.78	ng/ul	95
67) Atrazine	16.76	200	97500	20.39	ng/ul#	94
68) Pentachlorophenol	16.94	266	59060	19.18	ng/ul#	83
69) Phenanthrene	17.34	178	429328	20.71	ng/ul	99
71) Anthracene	17.43	178	443988	20.83	ng/ul	98
72) Carbazole	17.70	167	380642	20.09	ng/ul	99
73) Di-n-butylphthalate	18.26	149	479646	21.38	ng/ul	98
74) Fluoranthene	19.36	202	571027	20.63	ng/ul	99
77) Pyrene	19.72	202	579835	19.97	ng/ul#	96
78) Butylbenzylphthalate	20.60	149	221698	20.58	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.39	252	210181	20.51	ng/ul	97
80) Benzo(a)anthracene	21.46	228	613604	20.23	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	308560	20.47	ng/ul	97
82) Chrysene	21.51	228	568938	19.84	ng/ul	99
84) Di-n-octyl phthalate	22.28	149	537869	18.65	ng/ul#	100
85) Benzo(b)fluoranthene	23.11	252	588129m	20.43	ng/ul	
86) Benzo(k)fluoranthene	23.16	252	582798	21.13	ng/ul	100
88) Benzo(a)pyrene	23.73	252	559659	20.35	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.24	276	599236	20.25	ng/ul	95
90) Dibenzo(a,h)anthracene	26.25	278	501055	19.84	ng/ul#	96
91) Benzo(g,h,i)perylene	26.98	276	489475	20.20	ng/ul	98

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

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