Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
Data File : BM008951.D
Acq On : 31 Jan 2017 22:03
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
mohammad
2/1/2017 2:28:08 PM

Quant Time: Feb 01 00:15:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 23:55:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	56183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	251361	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	198093	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	452776	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	545262	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	488215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	10072	7.17	ng/uL	0.00
5) Phenol-d5	7.06	99	102072	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	87122	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	70531	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	80547	20.30	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	35518	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	43029	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	84045	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	76447	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	283885	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	341524	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	43418	18.32	ng/ul	0.00
57) Fluorene-d10	15.54	176	268209	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	52673	17.97	ng/ul	0.00
70) Anthracene-d10	17.40	188	438132	20.25	ng/ul	0.00
76) Pyrene-d10	19.69	212	521551	21.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	456622	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	13783	7.80	ng/uL#	83
4) Benzaldehyde	7.06	77	107044	20.39	ng/ul	98
6) Phenol	7.09	94	110321	19.82	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.33	93	81600	19.39	ng/ul	97
10) 2-Chlorophenol	7.47	128	71671	21.41	ng/ul	96
11) 2-Methylphenol	8.35	108	77665	19.90	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.45	45	172484	20.69	ng/ul#	90
14) Acetophenone	8.74	105	145444	19.53	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.72	70	101220	20.69	ng/ul#	93
16) 4-Methylphenol	8.67	108	83438	20.02	ng/ul	100
17) Hexachloroethane	8.99	117	43937	20.61	ng/ul	91
20) Nitrobenzene	9.12	77	160795	19.34	ng/ul	98
21) Isophorone	9.65	82	243680	19.75	ng/ul	99
23) 2-Nitrophenol	9.83	139	41685	19.89	ng/ul	85
24) 2,4-Dimethylphenol	9.88	107	130659	20.52	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.12	93	124313	19.82	ng/ul#	97
27) 2,4-Dichlorophenol	10.36	162	84660	19.86	ng/ul	92
28) Naphthalene	10.77	128	242481	19.47	ng/ul	95
30) 4-Chloroaniline	10.88	127	79727	19.50	ng/ul	90
31) Hexachlorobutadiene	11.04	225	84680	20.12	ng/ul	96
32) Caprolactam	11.65	113	22328m	17.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	111955	19.77	ng/ul	91
34) 2-Methylnaphthalene	12.37	142	189184	19.39	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.74	216	132204	19.88	ng/ul	95
37) Hexachlorocyclopentadiene	12.72	237	91444	18.07	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.97	196	79704	19.85	ng/ul	98
39) 2,4,5-Trichlorophenol	13.05	196	85135m	19.45	ng/ul	
40) 1,1'-Biphenyl	13.39	154	280620	20.84	ng/ul#	88
41) 2-Chloronaphthalene	13.43	162	215109	20.38	ng/ul	99
42) 2-Nitroaniline	13.64	65	115016	20.21	ng/ul	94
44) Dimethylphthalate	14.00	163	291968	20.61	ng/ul#	96
45) 2,6-Dinitrotoluene	14.13	165	54155	19.97	ng/ul	89
47) Acenaphthylene	14.27	152	327601	20.21	ng/ul	99
48) 3-Nitroaniline	14.46	138	46970	20.19	ng/ul	80
49) Acenaphthene	14.62	153	236816	20.35	ng/ul	99
50) 2,4-Dinitrophenol	14.66	184	30354	14.82	ng/ul#	72
52) 4-Nitrophenol	14.75	109	96234	18.62	ng/ul	97
53) Dibenzofuran	14.95	168	352855	19.90	ng/ul	99
54) 2,4-Dinitrotoluene	14.92	165	83388	20.24	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.17	232	83018	19.68	ng/ul	96
56) Diethylphthalate	15.37	149	317529	20.23	ng/ul#	97
58) Fluorene	15.60	166	299834	19.87	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.59	204	173217	20.09	ng/ul	88
60) 4-Nitroaniline	15.62	138	58642	19.48	ng/ul	82
63) 4,6-Dinitro-2-methylphenol	15.67	198	54067	18.22	ng/ul	94
64) N-Nitrosodiphenylamine	15.81	169	261279	20.86	ng/ul	98
65) 4-Bromophenyl-phenylether	16.49	248	110131	20.72	ng/ul	87
66) Hexachlorobenzene	16.60	284	123953	21.65	ng/ul	95
67) Atrazine	16.75	200	110384	19.54	ng/ul	93
68) Pentachlorophenol	16.94	266	70583	19.40	ng/ul#	85
69) Phenanthrene	17.34	178	495943	20.24	ng/ul	99
71) Anthracene	17.43	178	512904	20.36	ng/ul	98
72) Carbazole	17.70	167	431916	19.29	ng/ul	97
73) Di-n-butylphthalate	18.25	149	554849	20.93	ng/ul	99
74) Fluoranthene	19.35	202	625161	19.11	ng/ul	99
77) Pyrene	19.72	202	651609	21.60	ng/ul	99
78) Butylbenzylphthalate	20.60	149	246259	21.99	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.39	252	222562	20.90	ng/ul	97
80) Benzo(a)anthracene	21.46	228	654527	20.77	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.36	149	340795	21.75	ng/ul	100
82) Chrysene	21.50	228	610270	20.48	ng/ul	99
84) Di-n-octyl phthalate	22.27	149	584548	19.76	ng/ul	99
85) Benzo(b)fluoranthene	23.11	252	616654	20.88	ng/ul	99
86) Benzo(k)fluoranthene	23.16	252	581371m	20.55	ng/ul	
88) Benzo(a)pyrene	23.72	252	568794	20.16	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.23	276	612280	20.17	ng/ul	93
90) Dibenzo(a,h)anthracene	26.24	278	518838	20.03	ng/ul	99
91) Benzo(g,h,i)perylene	26.97	276	498146	20.04	ng/ul	99

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

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