Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010697.D
Acq On : 23 Jun 2017 19:26
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Manual Integrations APPROVED
mohammad
6/27/2017 5:02:57 PM

Quant Time: Jun 24 04:35:29 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	64793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	289742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	209412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	553093	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	606739	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	435564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10241	9.06	ng/uL	0.00
5) Phenol-d5	6.65	99	106994	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	61478	17.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	81396	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	95501	18.66	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	42872	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	49304	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	102542	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	119432	22.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	365106	19.86	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	420482	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	58570	18.10	ng/ul	0.00
57) Fluorene-d10	15.12	176	322319	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	68101	20.05	ng/ul	0.00
70) Anthracene-d10	16.97	188	527823m	19.76	ng/ul	0.00
76) Pyrene-d10	19.27	212	610122	21.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	435829	20.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10569	8.37	ng/uL#	33
4) Benzaldehyde	6.62	77	75217	20.71	ng/ul#	86
6) Phenol	6.67	94	111484	17.54	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	80900	17.48	ng/ul	96
10) 2-Chlorophenol	7.03	128	78664	18.18	ng/ul	97
11) 2-Methylphenol	7.90	108	88504	18.27	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	52764	16.33	ng/ul#	91
14) Acetophenone	8.27	105	149189	17.85	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.27	70	81445	18.09	ng/ul	97
16) 4-Methylphenol	8.23	108	97017	18.20	ng/ul	96
17) Hexachloroethane	8.52	117	38216	19.86	ng/ul	88
20) Nitrobenzene	8.65	77	123202	20.43	ng/ul	97
21) Isophorone	9.17	82	217177	18.12	ng/ul	98
23) 2-Nitrophenol	9.35	139	53146	21.04	ng/ul	94
24) 2,4-Dimethylphenol	9.42	107	132714	20.66	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.66	93	122387	18.41	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	101134	20.72	ng/ul#	84
28) Naphthalene	10.27	128	290343	20.14	ng/ul	98
30) 4-Chloroaniline	10.39	127	116843	21.99	ng/ul	94
31) Hexachlorobutadiene	10.56	225	78668	21.37	ng/ul#	87
32) Caprolactam	11.15	113	29237m	17.07	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	123157	19.79	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	234755	20.25	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	151102	20.44 ng/ul#	92
37) Hexachlorocyclopentadiene	12.26	237	80851	19.03 ng/ul	96
38) 2,4,6-Trichlorophenol	12.52	196	102549	20.32 ng/ul	96
39) 2,4,5-Trichlorophenol	12.59	196	106959	20.52 ng/ul	98
40) 1,1'-Biphenyl	12.93	154	327339	19.99 ng/ul	99
41) 2-Chloronaphthalene	12.97	162	258910	20.10 ng/ul	97
42) 2-Nitroaniline	13.19	65	82067	21.78 ng/ul	94
44) Dimethylphthalate	13.58	163	358051	19.87 ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	69894	22.39 ng/ul#	85
47) Acenaphthylene	13.83	152	400577	19.67 ng/ul	99
48) 3-Nitroaniline	14.02	138	68240	21.68 ng/ul	95
49) Acenaphthene	14.17	153	267262	19.45 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	47486	21.01 ng/ul#	66
52) 4-Nitrophenol	14.34	109	96276	23.46 ng/ul#	82
53) Dibenzofuran	14.52	168	416017	20.00 ng/ul	95
54) 2,4-Dinitrotoluene	14.49	165	104322	21.54 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.74	232	104754	19.87 ng/ul#	80
56) Diethylphthalate	14.97	149	376711	19.87 ng/ul	96
58) Fluorene	15.17	166	343802	19.74 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	192732	20.36 ng/ul	90
60) 4-Nitroaniline	15.20	138	71058	19.11 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.26	198	70701	19.53 ng/ul#	96
64) N-Nitrosodiphenylamine	15.39	169	294679	19.21 ng/ul	96
65) 4-Bromophenyl-phenylether	16.07	248	125531	19.82 ng/ul#	86
66) Hexachlorobenzene	16.17	284	132386	19.85 ng/ul#	77
67) Atrazine	16.35	200	133570	20.67 ng/ul	98
68) Pentachlorophenol	16.52	266	88520	18.83 ng/ul	98
69) Phenanthrene	16.91	178	575403	19.57 ng/ul	99
71) Anthracene	17.00	178	592202	19.55 ng/ul	99
72) Carbazole	17.27	167	497643	18.83 ng/ul	97
73) Di-n-butylphthalate	17.86	149	637458	18.97 ng/ul	99
74) Fluoranthene	18.94	202	732871	19.34 ng/ul	98
77) Pyrene	19.30	202	738761	21.08 ng/ul	97
78) Butylbenzylphthalate	20.24	149	290164	22.02 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.01	252	243189	20.04 ng/ul#	98
80) Benzo(a)anthracene	21.07	228	723229	20.47 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.03	149	421332	20.96 ng/ul	99
82) Chrysene	21.12	228	642689	20.40 ng/ul	99
84) Di-n-octyl phthalate	21.88	149	696216	22.87 ng/ul#	95
85) Benzo(b)fluoranthene	22.59	252	621473	21.98 ng/ul	97
86) Benzo(k)fluoranthene	22.63	252	553017	20.63 ng/ul	99
88) Benzo(a)pyrene	23.13	252	532080	20.44 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	531406	19.68 ng/ul	98
90) Dibenzo(a,h)anthracene	25.35	278	446733	19.86 ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	426259	19.83 ng/ul	98

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

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