Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014311.D
Acq On : 20 Feb 2018 01:50
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02046

Manual Integrations APPROVED
Sohil
2/20/2018 3:14:06 PM

Quant Time: Feb 20 03:45:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 01:37:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	75244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	369735	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	270701	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	686300	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	727998	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	583472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14412	8.20	ng/uL	0.00
5) Phenol-d5	6.72	99	126006	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	74549	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	101262	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	107959	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	55727	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	57961	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	117754	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	129023	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	437149	19.56	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	554013	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	51871	16.81	ng/ul	0.00
57) Fluorene-d10	15.19	176	411323	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	72979	17.73	ng/ul	0.00
70) Anthracene-d10	17.04	188	671003	20.26	ng/ul	0.00
76) Pyrene-d10	19.34	212	746046	19.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	570701	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	16583m	8.491	ng/uL	
4) Benzaldehyde	6.70	77	64438	24.853	ng/ul	89
6) Phenol	6.75	94	128413	19.243	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.97	93	94460	19.509	ng/ul	95
10) 2-Chlorophenol	7.10	128	103002	20.688	ng/ul	91
11) 2-Methylphenol	7.98	108	97035	19.011	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	98377	20.133	ng/ul#	80
14) Acetophenone	8.36	105	187640	19.545	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.34	70	105108	21.848	ng/ul#	75
16) 4-Methylphenol	8.31	108	108228	19.458	ng/ul	94
17) Hexachloroethane	8.58	117	53113	20.478	ng/ul#	76
20) Nitrobenzene	8.73	77	164856	20.401	ng/ul	92
21) Isophorone	9.25	82	282435	20.433	ng/ul	98
23) 2-Nitrophenol	9.43	139	62116	20.280	ng/ul#	90
24) 2,4-Dimethylphenol	9.50	107	150853	20.089	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.73	93	145344	19.963	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	107819	19.400	ng/ul#	94
28) Naphthalene	10.35	128	372587	19.620	ng/ul	98
30) 4-Chloroaniline	10.48	127	130718	22.211	ng/ul	90
31) Hexachlorobutadiene	10.62	225	90978	20.633	ng/ul	95
32) Caprolactam	11.27	113	35389m	19.881	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	136605	20.342	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	296658	20.525	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	171017	19.681	ng/ul#	89
37) Hexachlorocyclopentadiene	12.32	237	83972	17.757	ng/ul	96
38) 2,4,6-Trichlorophenol	12.60	196	105336	19.430	ng/ul	96
39) 2,4,5-Trichlorophenol	12.69	196	109881	19.833	ng/ul	98
40) 1,1'-Biphenyl	13.00	154	414321	19.869	ng/ul	98
41) 2-Chloronaphthalene	13.04	162	329487	19.780	ng/ul#	91
42) 2-Nitroaniline	13.28	65	111952	19.862	ng/ul	90
44) Dimethylphthalate	13.66	163	448918	20.365	ng/ul	97
45) 2,6-Dinitrotoluene	13.79	165	86195	20.581	ng/ul#	76
47) Acenaphthylene	13.90	152	531999	20.418	ng/ul	100
48) 3-Nitroaniline	14.12	138	67511	19.019	ng/ul#	99
49) Acenaphthene	14.24	153	379596	20.690	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	35810	15.898	ng/ul#	79
52) 4-Nitrophenol	14.44	109	74089	18.309	ng/ul#	72
53) Dibenzofuran	14.59	168	555240	20.184	ng/ul	92
54) 2,4-Dinitrotoluene	14.59	165	133473	19.891	ng/ul#	36
55) 2,3,4,6-Tetrachlorophenol	14.82	232	112390	20.060	ng/ul#	81
56) Diethylphthalate	15.03	149	498562	20.296	ng/ul#	93
58) Fluorene	15.24	166	476442	20.062	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.24	204	250504	20.166	ng/ul#	84
60) 4-Nitroaniline	15.30	138	63775m	16.021	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.35	198	82224	19.623	ng/ul#	81
64) N-Nitrosodiphenylamine	15.46	169	401890	20.378	ng/ul	99
65) 4-Bromophenyl-phenylether	16.14	248	157824	20.609	ng/ul#	86
66) Hexachlorobenzene	16.24	284	164142	20.382	ng/ul#	76
67) Atrazine	16.43	200	156782	20.129	ng/ul	91
68) Pentachlorophenol	16.60	266	79531	18.846	ng/ul	97
69) Phenanthrene	16.99	178	788940	19.952	ng/ul	100
71) Anthracene	17.07	178	804825	20.239	ng/ul	98
72) Carbazole	17.36	167	642122	19.203	ng/ul	97
73) Di-n-butylphthalate	17.92	149	888602	20.598	ng/ul	98
74) Fluoranthene	19.02	202	936979	19.834	ng/ul#	95
77) Pyrene	19.38	202	965150	19.949	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	401861	20.089	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.08	252	229171	17.905	ng/ul#	94
80) Benzo(a)anthracene	21.13	228	913710	20.111	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.07	149	556175	19.413	ng/ul#	95
82) Chrysene	21.19	228	851735	20.095	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	861919	17.215	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	798177	20.430	ng/ul#	98
86) Benzo(k)fluoranthene	22.71	252	741579	19.965	ng/ul#	94
88) Benzo(a)pyrene	23.23	252	708481	20.294	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.47	276	693376	20.467	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.48	278	566380	20.120	ng/ul#	98
91) Benzo(g,h,i)perylene	26.13	276	544357	19.835	ng/ul#	95

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

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