Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020618\
Data File : BM014149.D
Acq On : 06 Feb 2018 10:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
Sohil
2/7/2018 4:13:13 PM

Quant Time: Feb 07 09:54:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 04:17:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	31334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	153520	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	121946	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	366816	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	588076	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	687394	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5083	7.44	ng/uL	0.00
5) Phenol-d5	6.75	99	53778	22.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	31867	22.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	39385	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	45267	22.96	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	21838	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	25136	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	47767	18.52	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	50259	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	212430	20.99	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	247403	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	27564	19.76	ng/ul	0.00
57) Fluorene-d10	15.20	176	198308	21.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	44562	19.78	ng/ul	0.00
70) Anthracene-d10	17.06	188	357424m	20.07	ng/ul	0.00
76) Pyrene-d10	19.36	212	471577	16.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	649713	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	5309	7.080	ng/uL#	64
4) Benzaldehyde	6.72	77	22177	19.632	ng/ul	89
6) Phenol	6.78	94	49630	21.065	ng/ul	88
8) Bis(2-Chloroethyl)ether	6.99	93	37349	20.390	ng/ul	94
10) 2-Chlorophenol	7.12	128	40509	21.527	ng/ul	97
11) 2-Methylphenol	8.00	108	41982	23.138	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.08	45	42075	22.869	ng/ul#	77
14) Acetophenone	8.38	105	79588	23.907	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.36	70	39082	22.953	ng/ul#	73
16) 4-Methylphenol	8.34	108	43349	22.359	ng/ul	93
17) Hexachloroethane	8.60	117	21069	21.465	ng/ul#	54
20) Nitrobenzene	8.75	77	64663	20.763	ng/ul#	87
21) Isophorone	9.27	82	118231	22.552	ng/ul	98
23) 2-Nitrophenol	9.46	139	25967	20.593	ng/ul	93
24) 2,4-Dimethylphenol	9.52	107	60278	21.199	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.76	93	62041	21.484	ng/ul#	90
27) 2,4-Dichlorophenol	9.99	162	49812	20.777	ng/ul#	87
28) Naphthalene	10.37	128	153355	19.842	ng/ul	96
30) 4-Chloroaniline	10.50	127	52935	23.619	ng/ul	92
31) Hexachlorobutadiene	10.65	225	40573	18.770	ng/ul	90
32) Caprolactam	11.29	113	15586	23.677	ng/ul#	18
33) 4-Chloro-3-methylphenol	11.64	107	57159	22.759	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	122192	20.941	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	82164	18.453	ng/ul#	96
37) Hexachlorocyclopentadiene	12.33	237	51190	21.111	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.63	196	50404	19.462	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	53897	20.230	ng/ul	90
40) 1,1'-Biphenyl	13.03	154	177475	18.736	ng/ul	100
41) 2-Chloronaphthalene	13.07	162	145516	19.014	ng/ul	95
42) 2-Nitroaniline	13.30	65	48838	22.464	ng/ul	94
44) Dimethylphthalate	13.67	163	209128	21.435	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	39879	21.045	ng/ul#	81
47) Acenaphthylene	13.93	152	231979	20.350	ng/ul	97
48) 3-Nitroaniline	14.15	138	27424	19.258	ng/ul#	91
49) Acenaphthene	14.27	153	164046	20.525	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	19211	18.899	ng/ul	93
52) 4-Nitrophenol	14.46	109	38241	22.751	ng/ul#	55
53) Dibenzofuran	14.61	168	252372	20.735	ng/ul	100
54) 2,4-Dinitrotoluene	14.61	165	66650	23.245	ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	14.85	232	61506	22.902	ng/ul#	79
56) Diethylphthalate	15.05	149	229717	22.446	ng/ul	96
58) Fluorene	15.26	166	219189	21.596	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	120871	20.798	ng/ul	98
60) 4-Nitroaniline	15.32	138	32513	20.316	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.37	198	46172	20.228	ng/ul	90
64) N-Nitrosodiphenylamine	15.48	169	191262	18.072	ng/ul	94
65) 4-Bromophenyl-phenylether	16.16	248	81093	17.688	ng/ul	94
66) Hexachlorobenzene	16.26	284	86996	17.833	ng/ul#	86
67) Atrazine	16.44	200	87163	20.505	ng/ul	98
68) Pentachlorophenol	16.63	266	43131	17.957	ng/ul	95
69) Phenanthrene	17.00	178	398233	19.309	ng/ul	98
71) Anthracene	17.10	178	421741	20.183	ng/ul	97
72) Carbazole	17.38	167	357730	20.990	ng/ul	99
73) Di-n-butylphthalate	17.94	149	426181	19.935	ng/ul	99
74) Fluoranthene	19.03	202	563001	21.941	ng/ul	99
77) Pyrene	19.40	202	600545	17.114	ng/ul	99
78) Butylbenzylphthalate	20.31	149	238585	17.247	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.10	252	201612	22.000	ng/ul	96
80) Benzo(a)anthracene	21.16	228	710623	19.399	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.09	149	366400	18.166	ng/ul#	98
82) Chrysene	21.21	228	672298	19.524	ng/ul	97
84) Di-n-octyl phthalate	21.96	149	671406	15.344	ng/ul	99
85) Benzo(b)fluoranthene	22.70	252	807098m	18.606	ng/ul	
86) Benzo(k)fluoranthene	22.74	252	769923	18.055	ng/ul	100
88) Benzo(a)pyrene	23.26	252	794109	19.426	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.52	276	988617	22.069	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.53	278	842127	22.170	ng/ul#	96
91) Benzo(g,h,i)perylene	26.18	276	839198	22.660	ng/ul	96

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

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