Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014522.D
Acq On : 12 Mar 2018 17:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
Sohil
3/13/2018 4:23:52 PM

Quant Time: Mar 13 02:46:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 10 03:09:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	45404	20.00	ng/ul	-0.04
18) Naphthalene-d8	10.25	136	210425	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.14	164	148280	20.00	ng/ul	-0.04
61) Phenanthrene-d10	16.91	188	381324	20.00	ng/ul	-0.04
75) Chrysene-d12	21.13	240	458895	20.00	ng/ul	-0.03
83) Perylene-d12	23.29	264	443088	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	6520m	6.15	ng/uL	-0.04
5) Phenol-d5	6.69	99	75538	19.69	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	6.83	67	46542	20.04	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.02	132	62269	21.16	ng/ul	-0.04
13) 4-Methylphenol-d8	8.21	113	63564	18.93	ng/ul	-0.04
19) Nitrobenzene-d5	8.65	128	30858	19.84	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.36	143	37246	23.14	ng/ul	-0.04
26) 2,4-Dichlorophenol-d3	9.90	165	67256	20.17	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.42	131	78183	23.80	ng/ul	-0.03
43) Dimethylphthalate-d6	13.56	166	264094	21.57	ng/ul	-0.04
46) Acenaphthylene-d8	13.83	160	304706	20.18	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.46	143	27922	16.52	ng/ul	-0.04
57) Fluorene-d10	15.15	176	218149	19.88	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.33	200	43025	18.81	ng/ul	-0.04
70) Anthracene-d10	17.01	188	355520	19.32	ng/ul	-0.03
76) Pyrene-d10	19.32	212	431197	18.22	ng/ul	-0.04
87) Benzo(a)pyrene-d12	23.16	264	422027	19.57	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	6486m	5.504	ng/uL	
4) Benzaldehyde	6.65	77	37197	23.775	ng/ul	91
6) Phenol	6.72	94	74609	18.528	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.92	93	56799	19.440	ng/ul	93
10) 2-Chlorophenol	7.05	128	60523	20.145	ng/ul	95
11) 2-Methylphenol	7.95	108	56604	18.378	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.00	45	57295	19.432	ng/ul#	74
14) Acetophenone	8.30	105	109772	18.949	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.29	70	59122	20.366	ng/ul#	75
16) 4-Methylphenol	8.28	108	61816	18.418	ng/ul	84
17) Hexachloroethane	8.52	117	32504	20.768	ng/ul#	60
20) Nitrobenzene	8.68	77	92932	20.207	ng/ul	93
21) Isophorone	9.20	82	173892	22.105	ng/ul	96
23) 2-Nitrophenol	9.39	139	34913	20.028	ng/ul	88
24) 2,4-Dimethylphenol	9.46	107	89239	20.881	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.69	93	84265	20.336	ng/ul	91
27) 2,4-Dichlorophenol	9.93	162	61157m	19.335	ng/ul	
28) Naphthalene	10.29	128	209814	19.414	ng/ul	97
30) 4-Chloroaniline	10.45	127	78253	23.363	ng/ul	97
31) Hexachlorobutadiene	10.56	225	49624	19.775	ng/ul	92
32) Caprolactam	11.27	113	22637m	22.345	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	81183	21.242	ng/ul	93
34) 2-Methylnaphthalene	11.93	142	162479	19.752	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.30	216	92357	19.403	ng/ul#	96
37) Hexachlorocyclopentadiene	12.26	237	44751	17.276	ng/ul	89
38) 2,4,6-Trichlorophenol	12.57	196	59170	19.925	ng/ul	88
39) 2,4,5-Trichlorophenol	12.67	196	63481	20.918	ng/ul	92
40) 1,1'-Biphenyl	12.96	154	224526	19.657	ng/ul	99
41) 2-Chloronaphthalene	13.00	162	179438	19.666	ng/ul#	90
42) 2-Nitroaniline	13.25	65	70141	22.718	ng/ul	91
44) Dimethylphthalate	13.62	163	256594	21.250	ng/ul	98
45) 2,6-Dinitrotoluene	13.75	165	50477	22.003	ng/ul#	72
47) Acenaphthylene	13.86	152	285878	20.031	ng/ul	98
48) 3-Nitroaniline	14.09	138	42684	21.952	ng/ul#	91
49) Acenaphthene	14.20	153	196940	19.597	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	28945	23.460	ng/ul#	61
52) 4-Nitrophenol	14.45	109	53327	24.059	ng/ul#	62
53) Dibenzofuran	14.55	168	292316	19.399	ng/ul#	83
54) 2,4-Dinitrotoluene	14.57	165	80994	22.035	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	14.80	232	64038	20.867	ng/ul#	80
56) Diethylphthalate	14.99	149	285263	21.201	ng/ul	93
58) Fluorene	15.20	166	245081	18.840	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.20	204	135240	19.876	ng/ul#	89
60) 4-Nitroaniline	15.27	138	42715	19.589	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.35	198	45685	19.623	ng/ul#	89
64) N-Nitrosodiphenylamine	15.42	169	218595	19.948	ng/ul	93
65) 4-Bromophenyl-phenylether	16.10	248	87687	20.608	ng/ul#	84
66) Hexachlorobenzene	16.21	284	89729	20.053	ng/ul#	77
67) Atrazine	16.39	200	87457	20.209	ng/ul	95
68) Pentachlorophenol	16.58	266	38985	16.626	ng/ul	93
69) Phenanthrene	16.95	178	433180	19.717	ng/ul	99
71) Anthracene	17.04	178	434997	19.687	ng/ul	99
72) Carbazole	17.33	167	375196	20.195	ng/ul	99
73) Di-n-butylphthalate	17.88	149	504056	21.029	ng/ul	97
74) Fluoranthene	18.99	202	540024	20.573	ng/ul#	96
77) Pyrene	19.35	202	553403	18.146	ng/ul#	97
78) Butylbenzylphthalate	20.26	149	253820	20.129	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.06	252	187092	23.190	ng/ul#	88
80) Benzo(a)anthracene	21.11	228	577673	20.170	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.04	149	364624	20.190	ng/ul#	93
82) Chrysene	21.16	228	529803	19.830	ng/ul	97
84) Di-n-octyl phthalate	21.90	149	593204	15.602	ng/ul#	91
85) Benzo(b)fluoranthene	22.65	252	543862m	18.331	ng/ul	
86) Benzo(k)fluoranthene	22.69	252	535050	18.968	ng/ul#	99
88) Benzo(a)pyrene	23.20	252	512686	19.338	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.45	276	618169	24.029	ng/ul	98
90) Dibenzo(a,h)anthracene	25.44	278	517613	24.214	ng/ul#	96
91) Benzo(g,h,i)perylene	26.11	276	494347	23.720	ng/ul	98

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

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