Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014396.D
Acq On : 28 Feb 2018 10:23
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
3/1/2018 5:13:39 PM

Quant Time: Feb 28 15:49:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	91245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	393269	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	217884	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	497983	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	477419	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	447215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14157	6.64	ng/uL	0.00
5) Phenol-d5	6.72	99	145111	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	90916	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	122930	20.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	120822	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	57480	19.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	65148	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	120739	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	131699	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	353616	19.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	462143	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	40378	16.25	ng/ul	0.01
57) Fluorene-d10	15.18	176	297266	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	43327	14.50	ng/ul	0.00
70) Anthracene-d10	17.04	188	457401	19.04	ng/ul	0.00
76) Pyrene-d10	19.34	212	499330	20.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	412940	18.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	16254	6.863	ng/uL#	67
4) Benzaldehyde	6.69	77	61988	19.715	ng/ul#	83
6) Phenol	6.75	94	142843	17.651	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.96	93	109323	18.619	ng/ul	87
10) 2-Chlorophenol	7.09	128	123663	20.482	ng/ul	99
11) 2-Methylphenol	7.97	108	113383	18.318	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.04	45	118900m	20.066	ng/ul	
14) Acetophenone	8.35	105	195529	16.795	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.33	70	103644	17.765	ng/ul#	73
16) 4-Methylphenol	8.31	108	124574	18.469	ng/ul	98
17) Hexachloroethane	8.57	117	53317	16.952	ng/ul#	69
20) Nitrobenzene	8.72	77	165961	19.309	ng/ul	95
21) Isophorone	9.24	82	276602	18.814	ng/ul	98
23) 2-Nitrophenol	9.42	139	65713	20.170	ng/ul	92
24) 2,4-Dimethylphenol	9.49	107	145376	18.201	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.72	93	148302	19.150	ng/ul	97
27) 2,4-Dichlorophenol	9.96	162	113785	19.249	ng/ul	93
28) Naphthalene	10.34	128	388756	19.247	ng/ul	99
30) 4-Chloroaniline	10.47	127	134940	21.556	ng/ul	96
31) Hexachlorobutadiene	10.61	225	87640	18.687	ng/ul	93
32) Caprolactam	11.27	113	36485m	19.270	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	123348	17.269	ng/ul	94
34) 2-Methylnaphthalene	11.96	142	274528	17.857	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	150732	21.551	ng/ul#	96
37) Hexachlorocyclopentadiene	12.30	237	58376	15.337	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.60	196	93240	21.368	ng/ul	96
39) 2,4,5-Trichlorophenol	12.69	196	98488	22.086	ng/ul	96
40) 1,1'-Biphenyl	13.00	154	356440	21.237	ng/ul	99
41) 2-Chloronaphthalene	13.04	162	289142	21.566	ng/ul	95
42) 2-Nitroaniline	13.27	65	93463	20.602	ng/ul	94
44) Dimethylphthalate	13.65	163	350246	19.740	ng/ul	99
45) 2,6-Dinitrotoluene	13.78	165	71009	21.065	ng/ul#	82
47) Acenaphthylene	13.90	152	433404	20.667	ng/ul	98
48) 3-Nitroaniline	14.12	138	64813	22.685	ng/ul	90
49) Acenaphthene	14.24	153	297986	20.179	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	39536	21.807	ng/ul#	74
52) 4-Nitrophenol	14.46	109	47845	14.690	ng/ul#	70
53) Dibenzofuran	14.59	168	420297	18.982	ng/ul	97
54) 2,4-Dinitrotoluene	14.59	165	104748	19.394	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	14.82	232	82909	18.385	ng/ul#	73
56) Diethylphthalate	15.02	149	368698	18.648	ng/ul#	90
58) Fluorene	15.24	166	346091	18.106	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.23	204	176307	17.634	ng/ul	90
60) 4-Nitroaniline	15.29	138	63497	19.817	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.36	198	45768	15.053	ng/ul#	84
64) N-Nitrosodiphenylamine	15.46	169	293022	20.476	ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	111425	20.052	ng/ul	86
66) Hexachlorobenzene	16.24	284	113250	19.380	ng/ul#	85
67) Atrazine	16.42	200	105705	18.703	ng/ul	96
68) Pentachlorophenol	16.60	266	50215	16.399	ng/ul	98
69) Phenanthrene	16.98	178	558228	19.456	ng/ul	99
71) Anthracene	17.07	178	562156	19.482	ng/ul	99
72) Carbazole	17.36	167	460304	18.971	ng/ul#	96
73) Di-n-butylphthalate	17.92	149	588610	18.804	ng/ul	98
74) Fluoranthene	19.01	202	626891	18.288	ng/ul#	92
77) Pyrene	19.37	202	623005	19.636	ng/ul#	91
78) Butylbenzylphthalate	20.29	149	268752	20.486	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.08	252	153945	18.341	ng/ul#	97
80) Benzo(a)anthracene	21.14	228	578925	19.430	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	370456	19.717	ng/ul#	95
82) Chrysene	21.19	228	534488	19.229	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	590889	15.397	ng/ul#	92
85) Benzo(b)fluoranthene	22.68	252	521882	17.428	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	527477	18.527	ng/ul#	99
88) Benzo(a)pyrene	23.23	252	505153	18.878	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.49	276	602466	23.202	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.49	278	504711	23.392	ng/ul#	97
91) Benzo(g,h,i)perylene	26.15	276	489702	23.281	ng/ul	97

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

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