Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014498.D
Acq On : 06 Mar 2018 13:18
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02035

Manual Integrations APPROVED
Sohil
3/6/2018 5:49:25 PM

Quant Time: Mar 06 17:09:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	128656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	492085	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.17	164	263251	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	545830m	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	452876	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	414734	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	18584	6.18	ng/uL	0.00
5) Phenol-d5	6.72	99	201877	18.57	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	118812	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	165274	19.82	ng/ul	-0.01
13) 4-Methylphenol-d8	8.24	113	158700	16.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	74630	20.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.38	143	83389	22.16	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.93	165	147476	18.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.45	131	167373	21.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	424395	19.52	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	548001	20.44	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.49	143	65918	21.96	ng/ul	0.00
57) Fluorene-d10	15.17	176	350879	18.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	51880	15.84	ng/ul	-0.01
70) Anthracene-d10	17.03	188	512649	19.47	ng/ul	0.00
76) Pyrene-d10	19.34	212	503330	21.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	388718	19.26	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	21027m	6.297	ng/uL	
4) Benzaldehyde	6.67	77	94733	21.369	ng/ul	91
6) Phenol	6.75	94	202285	17.728	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	158093	19.096	ng/ul	96
10) 2-Chlorophenol	7.08	128	158557	18.625	ng/ul	89
11) 2-Methylphenol	7.97	108	148598	17.026	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.04	45	160924m	19.261	ng/ul	
14) Acetophenone	8.33	105	250170	15.240	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.32	70	132486	16.106	ng/ul#	75
16) 4-Methylphenol	8.30	108	149895	15.761	ng/ul	87
17) Hexachloroethane	8.55	117	79147	17.847	ng/ul#	73
20) Nitrobenzene	8.71	77	213823	19.882	ng/ul	93
21) Isophorone	9.23	82	343923	18.695	ng/ul	100
23) 2-Nitrophenol	9.42	139	85640	21.008	ng/ul	95
24) 2,4-Dimethylphenol	9.49	107	190423	19.053	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.71	93	193129	19.931	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	146417	19.795	ng/ul#	94
28) Naphthalene	10.32	128	495772	19.616	ng/ul	98
30) 4-Chloroaniline	10.47	127	159851	20.408	ng/ul	95
31) Hexachlorobutadiene	10.59	225	109342	18.632	ng/ul	96
32) Caprolactam	11.26	113	40521m	17.104	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	156435	17.503	ng/ul	93
34) 2-Methylnaphthalene	11.95	142	339690	17.659	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.33	216	184779	21.866	ng/ul#	96
37) Hexachlorocyclopentadiene	12.29	237	76568	16.650	ng/ul	98
38) 2,4,6-Trichlorophenol	12.60	196	113201	21.471	ng/ul#	93
39) 2,4,5-Trichlorophenol	12.69	196	113575	21.080	ng/ul#	90
40) 1,1'-Biphenyl	12.99	154	444644	21.926	ng/ul#	98
41) 2-Chloronaphthalene	13.03	162	347358	21.443	ng/ul	93
42) 2-Nitroaniline	13.27	65	114673	20.921	ng/ul	94
44) Dimethylphthalate	13.64	163	409051	19.081	ng/ul	98
45) 2,6-Dinitrotoluene	13.78	165	81918	20.113	ng/ul#	80
47) Acenaphthylene	13.89	152	524316	20.693	ng/ul	97
48) 3-Nitroaniline	14.12	138	67891	19.667	ng/ul#	94
49) Acenaphthene	14.23	153	346526	19.422	ng/ul	96
50) 2,4-Dinitrophenol	14.38	184	25172m	11.492	ng/ul	
52) 4-Nitrophenol	14.49	109	69313	17.614	ng/ul#	46
53) Dibenzofuran	14.57	168	499681	18.678	ng/ul	92
54) 2,4-Dinitrotoluene	14.59	165	121750	18.657	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	14.82	232	91377	16.771	ng/ul#	83
56) Diethylphthalate	15.01	149	425185	17.799	ng/ul	94
58) Fluorene	15.23	166	400090	17.323	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.22	204	213550	17.678	ng/ul	90
60) 4-Nitroaniline	15.29	138	62844	16.233	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.37	198	51705	15.515	ng/ul#	81
64) N-Nitrosodiphenylamine	15.45	169	330132	21.047	ng/ul	98
65) 4-Bromophenyl-phenylether	16.12	248	123069m	20.206	ng/ul	
66) Hexachlorobenzene	16.24	284	129008	20.142	ng/ul#	81
67) Atrazine	16.42	200	127157	20.527	ng/ul	98
68) Pentachlorophenol	16.60	266	71610	21.336	ng/ul	96
69) Phenanthrene	16.97	178	603246m	19.182	ng/ul	
71) Anthracene	17.07	178	594381	18.793	ng/ul	98
72) Carbazole	17.36	167	483492	18.180	ng/ul	97
73) Di-n-butylphthalate	17.90	149	664217	19.360	ng/ul	98
74) Fluoranthene	19.01	202	642974	17.113	ng/ul#	93
77) Pyrene	19.37	202	637171	21.171	ng/ul#	94
78) Butylbenzylphthalate	20.28	149	276828	22.246	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.07	252	165131	20.740	ng/ul#	89
80) Benzo(a)anthracene	21.13	228	559553	19.797	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.06	149	377452	21.178	ng/ul#	94
82) Chrysene	21.19	228	517478	19.626	ng/ul	99
84) Di-n-octyl phthalate	21.92	149	600166	16.864	ng/ul#	92
85) Benzo(b)fluoranthene	22.68	252	514173	18.516	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	466918	17.685	ng/ul#	96
88) Benzo(a)pyrene	23.23	252	475453	19.160	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	557408	23.148	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.50	278	475365	23.758	ng/ul	96
91) Benzo(g,h,i)perylene	26.17	276	472367	24.215	ng/ul	99

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

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