Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014106.D
Acq On : 02 Feb 2018 10:46
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
2/5/2018 3:56:25 PM

Quant Time: Feb 02 17:49:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	73585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	316442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	218802	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	564223	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	667833	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	630331	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11743	7.32	ng/uL	0.00
5) Phenol-d5	6.74	99	101333	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	64252	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	86221	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	87652	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	44498	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	50116	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	102441	19.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	88978	19.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	346699	19.09	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	442455	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	37644	15.04	ng/ul	0.00
57) Fluorene-d10	15.21	176	320996	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	53602	15.47	ng/ul	0.00
70) Anthracene-d10	17.06	188	541067m	19.75	ng/ul	0.00
76) Pyrene-d10	19.37	212	623367	19.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	608589	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	12753	7.242	ng/uL#	68
4) Benzaldehyde	6.72	77	44549	16.793	ng/ul	95
6) Phenol	6.77	94	104570	18.899	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	81744	19.003	ng/ul	97
10) 2-Chlorophenol	7.12	128	83969	19.001	ng/ul	95
11) 2-Methylphenol	8.00	108	81043	19.020	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	80240	18.571	ng/ul#	71
14) Acetophenone	8.38	105	144394	18.470	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.36	70	77629	19.414	ng/ul#	72
16) 4-Methylphenol	8.34	108	82310	18.078	ng/ul	96
17) Hexachloroethane	8.61	117	47773	20.725	ng/ul	83
20) Nitrobenzene	8.75	77	120768	18.813	ng/ul	99
21) Isophorone	9.28	82	205475	19.014	ng/ul	97
23) 2-Nitrophenol	9.46	139	50095	19.274	ng/ul	87
24) 2,4-Dimethylphenol	9.52	107	115077	19.634	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.76	93	115407	19.388	ng/ul	91
27) 2,4-Dichlorophenol	9.99	162	97394	19.708	ng/ul#	90
28) Naphthalene	10.37	128	310051	19.463	ng/ul	98
30) 4-Chloroaniline	10.51	127	88840	19.231	ng/ul	92
31) Hexachlorobutadiene	10.65	225	90946	20.412	ng/ul	95
32) Caprolactam	11.29	113	24211m	17.843	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	103467	19.987	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	238006	19.788	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	158118	19.792 ng/ul#	93
37) Hexachlorocyclopentadiene	12.35	237	64501	14.826 ng/ul	92
38) 2,4,6-Trichlorophenol	12.63	196	93134	20.043 ng/ul	93
39) 2,4,5-Trichlorophenol	12.72	196	97991	20.500 ng/ul	96
40) 1,1'-Biphenyl	13.03	154	336391	19.792 ng/ul	98
41) 2-Chloronaphthalene	13.07	162	268533	19.556 ng/ul	98
42) 2-Nitroaniline	13.30	65	80381	20.607 ng/ul	90
44) Dimethylphthalate	13.68	163	345015	19.709 ng/ul	98
45) 2,6-Dinitrotoluene	13.80	165	69980	20.582 ng/ul#	85
47) Acenaphthylene	13.93	152	415206	20.300 ng/ul	99
48) 3-Nitroaniline	14.15	138	47836	18.722 ng/ul	99
49) Acenaphthene	14.27	153	284752	19.856 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	22431	12.298 ng/ul	91
52) 4-Nitrophenol	14.47	109	54661	18.125 ng/ul#	78
53) Dibenzofuran	14.62	168	433829	19.866 ng/ul	92
54) 2,4-Dinitrotoluene	14.61	165	107501	20.896 ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	14.85	232	96596	20.046 ng/ul#	90
56) Diethylphthalate	15.05	149	374743	20.408 ng/ul	94
58) Fluorene	15.27	166	364913	20.038 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	211971	20.328 ng/ul	98
60) 4-Nitroaniline	15.31	138	48045m	16.732 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.37	198	56877	16.200 ng/ul	92
64) N-Nitrosodiphenylamine	15.49	169	310788	19.091 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	132730	18.821 ng/ul	97
66) Hexachlorobenzene	16.27	284	147223	19.620 ng/ul#	90
67) Atrazine	16.45	200	127953	19.569 ng/ul	92
68) Pentachlorophenol	16.63	266	65981	17.860 ng/ul	96
69) Phenanthrene	17.01	178	606541	19.120 ng/ul	98
71) Anthracene	17.10	178	624508	19.430 ng/ul	98
72) Carbazole	17.38	167	498295	19.009 ng/ul	97
73) Di-n-butylphthalate	17.95	149	643892	19.581 ng/ul	99
74) Fluoranthene	19.04	202	756904	19.177 ng/ul#	97
77) Pyrene	19.40	202	781993	19.623 ng/ul	98
78) Butylbenzylphthalate	20.32	149	294965	18.776 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.10	252	198719	19.095 ng/ul	91
80) Benzo(a)anthracene	21.16	228	802970	19.302 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	436096	19.040 ng/ul#	99
82) Chrysene	21.21	228	753211	19.262 ng/ul	98
84) Di-n-octyl phthalate	21.96	149	728491	18.156 ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	796478	20.024 ng/ul#	98
86) Benzo(k)fluoranthene	22.75	252	754455	19.294 ng/ul#	97
88) Benzo(a)pyrene	23.26	252	736866	19.658 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	833725	20.297 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.53	278	694482	19.938 ng/ul	98
91) Benzo(g,h,i)perylene	26.20	276	673033	19.818 ng/ul	99

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

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