Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM021418\
Data File : BM014240.D
Acq On : 14 Feb 2018 17:15
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
Sohil
2/15/2018 11:09:06 AM

Quant Time: Feb 14 17:53:23 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 14 15:20:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	61481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	289961	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	230164	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	606889	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	632947	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	516438	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	11866	8.26	ng/uL	0.00
5) Phenol-d5	6.73	99	94702	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	58764	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	74579	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	79803	17.55	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	40305	18.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	43550	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	88782	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	104994	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	350995	18.47	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	436365	18.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	37453m	14.27	ng/ul	0.00
57) Fluorene-d10	15.19	176	330916	19.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	62074	17.05	ng/ul	0.00
70) Anthracene-d10	17.05	188	555302	18.96	ng/ul	0.00
76) Pyrene-d10	19.36	212	636852	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	471047	18.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	11523	7.221	ng/uL#	72
4) Benzaldehyde	6.70	77	45542	21.497	ng/ul#	82
6) Phenol	6.76	94	97958	17.965	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.98	93	72848	18.413	ng/ul	92
10) 2-Chlorophenol	7.11	128	77926	19.155	ng/ul	98
11) 2-Methylphenol	7.99	108	74191	17.789	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.06	45	71995m	18.032	ng/ul	
14) Acetophenone	8.36	105	147993	18.866	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.35	70	80607	20.506	ng/ul#	81
16) 4-Methylphenol	8.32	108	82876m	18.235	ng/ul	
17) Hexachloroethane	8.59	117	42594	20.099	ng/ul#	74
20) Nitrobenzene	8.74	77	130830	20.645	ng/ul#	91
21) Isophorone	9.26	82	211350	19.497	ng/ul#	96
23) 2-Nitrophenol	9.44	139	47214	19.655	ng/ul#	85
24) 2,4-Dimethylphenol	9.51	107	115932	19.686	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.75	93	112890	19.771	ng/ul	94
27) 2,4-Dichlorophenol	9.97	162	84424	19.370	ng/ul#	89
28) Naphthalene	10.36	128	283290	19.022	ng/ul	98
30) 4-Chloroaniline	10.49	127	98154	21.266	ng/ul#	85
31) Hexachlorobutadiene	10.63	225	69270	20.032	ng/ul	96
32) Caprolactam	11.28	113	27126m	19.431	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	106334	20.191	ng/ul	97
34) 2-Methylnaphthalene	11.98	142	227138	20.038	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	134339	18.183	ng/ul#	90
37) Hexachlorocyclopentadiene	12.33	237	63571	15.811	ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	84023	18.228	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	86834	18.434	ng/ul	96
40) 1,1'-Biphenyl	13.02	154	326121	18.394	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	255589	18.046	ng/ul	95
42) 2-Nitroaniline	13.29	65	95270	19.880	ng/ul	89
44) Dimethylphthalate	13.66	163	342279	18.262	ng/ul	97
45) 2,6-Dinitrotoluene	13.79	165	65836	18.488	ng/ul#	53
47) Acenaphthylene	13.91	152	415124	18.739	ng/ul	99
48) 3-Nitroaniline	14.13	138	52876	17.519	ng/ul#	97
49) Acenaphthene	14.26	153	291989	18.718	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	27324	14.267	ng/ul#	69
52) 4-Nitrophenol	14.46	109	59504	17.295	ng/ul#	61
53) Dibenzofuran	14.60	168	435936	18.638	ng/ul#	86
54) 2,4-Dinitrotoluene	14.60	165	108594	19.033	ng/ul#	38
55) 2,3,4,6-Tetrachlorophenol	14.83	232	88801	18.641	ng/ul#	73
56) Diethylphthalate	15.04	149	402459	19.270	ng/ul	93
58) Fluorene	15.25	166	385853	19.109	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.25	204	201214	19.051	ng/ul	90
60) 4-Nitroaniline	15.30	138	55829	16.494	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.36	198	61894	16.704	ng/ul#	87
64) N-Nitrosodiphenylamine	15.47	169	328502	18.836	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	126823	18.728	ng/ul#	86
66) Hexachlorobenzene	16.26	284	129264	18.151	ng/ul#	78
67) Atrazine	16.43	200	125751	18.258	ng/ul	97
68) Pentachlorophenol	16.61	266	62330	16.703	ng/ul	96
69) Phenanthrene	16.99	178	652557	18.662	ng/ul	99
71) Anthracene	17.09	178	670250	19.060	ng/ul	98
72) Carbazole	17.37	167	531961	17.990	ng/ul	98
73) Di-n-butylphthalate	17.93	149	726311	19.039	ng/ul	99
74) Fluoranthene	19.02	202	781241	18.701	ng/ul#	96
77) Pyrene	19.39	202	798027	18.972	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	323811	18.618	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.09	252	200446	18.013	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	739932	18.731	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.08	149	456675	18.334	ng/ul#	95
82) Chrysene	21.20	228	697490	18.928	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	714156	16.115	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	649025	18.769	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	611982	18.614	ng/ul#	97
88) Benzo(a)pyrene	23.24	252	586101	18.967	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.50	276	578152	19.281	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	487107	19.550	ng/ul	97
91) Benzo(g,h,i)perylene	26.16	276	473531	19.494	ng/ul#	96

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

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