Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013631.D
Acq On : 16 Jan 2018 20:01
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:20 AM

Quant Time: Jan 17 03:15:18 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 17 00:57:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	111301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	456008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	283622	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	662195	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	769457	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	755688	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	19312	6.86	ng/uL	0.00
5) Phenol-d5	6.80	99	175202	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	103601	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	146518	21.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	136591	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	73076	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	76320	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	150017	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	159079	25.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	468323	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	592466	19.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	70501	18.56	ng/ul	0.00
57) Fluorene-d10	15.27	176	417555	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	73919	18.55	ng/ul	0.00
70) Anthracene-d10	17.12	188	680962	21.11	ng/ul	0.00
76) Pyrene-d10	19.42	212	756485	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	730711	21.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	23113m	7.492	ng/uL	
4) Benzaldehyde	6.77	77	125715	21.260	ng/ul	94
6) Phenol	6.83	94	172184	20.091	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.05	93	132330	19.733	ng/ul	98
10) 2-Chlorophenol	7.18	128	143008	20.609	ng/ul	95
11) 2-Methylphenol	8.06	108	131289	20.782	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	129635	18.998	ng/ul#	80
14) Acetophenone	8.44	105	229501	21.114	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.42	70	110400	20.818	ng/ul#	70
16) 4-Methylphenol	8.39	108	142638	21.116	ng/ul	98
17) Hexachloroethane	8.68	117	65987	19.536	ng/ul	86
20) Nitrobenzene	8.82	77	174686	19.111	ng/ul	93
21) Isophorone	9.34	82	290752	19.687	ng/ul#	93
23) 2-Nitrophenol	9.52	139	80633	20.694	ng/ul#	82
24) 2,4-Dimethylphenol	9.59	107	172714	21.024	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	179107	19.893	ng/ul	93
27) 2,4-Dichlorophenol	10.05	162	146641	21.066	ng/ul	94
28) Naphthalene	10.45	128	467915	20.625	ng/ul	97
30) 4-Chloroaniline	10.57	127	152281	24.507	ng/ul	96
31) Hexachlorobutadiene	10.72	225	112228	19.641	ng/ul	94
32) Caprolactam	11.34	113	41902m	21.639	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	151541	21.476	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	349979	20.692	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	201015	19.128	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	62793	14.392	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.69	196	125246	20.589	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	133353	21.067	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	469007	19.866	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	372228	20.169	ng/ul	98
42) 2-Nitroaniline	13.35	65	101070	19.853	ng/ul	96
44) Dimethylphthalate	13.73	163	454100	19.758	ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	86798	19.488	ng/ul#	91
47) Acenaphthylene	13.99	152	545665	20.007	ng/ul	98
48) 3-Nitroaniline	14.19	138	73458	20.972	ng/ul	87
49) Acenaphthene	14.33	153	382071	20.227	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	37180	14.563	ng/ul#	87
52) 4-Nitrophenol	14.51	109	78299	20.290	ng/ul#	78
53) Dibenzofuran	14.67	168	565706	19.908	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	137622	21.197	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.90	232	121743	20.448	ng/ul#	91
56) Diethylphthalate	15.10	149	459406	19.862	ng/ul	96
58) Fluorene	15.32	166	474557	20.387	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	253506	20.155	ng/ul	95
60) 4-Nitroaniline	15.36	138	85727	20.917	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.42	198	74501	17.708	ng/ul	95
64) N-Nitrosodiphenylamine	15.54	169	399597	20.517	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	157817	20.178	ng/ul	96
66) Hexachlorobenzene	16.32	284	172362	20.473	ng/ul#	90
67) Atrazine	16.50	200	157401	20.249	ng/ul	92
68) Pentachlorophenol	16.67	266	83604	18.688	ng/ul	97
69) Phenanthrene	17.06	178	763577	20.744	ng/ul	99
71) Anthracene	17.15	178	813300	21.422	ng/ul	97
72) Carbazole	17.43	167	660423	21.073	ng/ul	99
73) Di-n-butylphthalate	18.00	149	731703	19.852	ng/ul	99
74) Fluoranthene	19.09	202	911978	20.756	ng/ul#	94
77) Pyrene	19.45	202	991776	21.202	ng/ul#	94
78) Butylbenzylphthalate	20.36	149	337195	20.464	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.14	252	279186	21.933	ng/ul#	96
80) Benzo(a)anthracene	21.20	228	970832	20.881	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.14	149	479545	19.397	ng/ul#	98
82) Chrysene	21.26	228	889569	20.856	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	814472	17.884	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	968674	20.873	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	944313	21.051	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	906712	20.682	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.62	276	1056871	20.422	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	900156	20.598	ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	871066	20.451	ng/ul#	96

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

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