Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040519\
Data File : BM019768.D
Acq On : 06 Apr 2019 02:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
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4/8/2019 6:11:37 PM

Quant Time: Apr 06 03:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	154483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	726413	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	449813	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	982365	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	919552	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	815093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	26390	6.69	ng/uL	0.00
5) Phenol-d5	6.75	99	280035	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	172350	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	217149	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	221689	21.47	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	101376	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	118256	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	230146	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	279344	21.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	688454	18.97	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	899011	19.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	100296	17.63	ng/ul	0.00
58) Fluorene-d10	15.22	176	611069	19.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	110395	16.99	ng/ul	0.00
71) Anthracene-d10	17.08	188	933097	19.79	ng/ul	0.00
79) Pyrene-d10	19.39	212	961250	22.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	839388	19.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	30245	6.737	ng/uL#	91
4) Benzaldehyde	6.73	77	204940	20.797	ng/ul	98
6) Phenol	6.77	94	294563	20.519	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	209371	19.065	ng/ul	98
10) 2-Chlorophenol	7.13	128	219789	20.737	ng/ul	99
11) 2-Methylphenol	8.01	108	210313	21.007	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	196066m	18.835	ng/ul	
14) Acetophenone	8.39	105	339942	20.214	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.37	70	199546	21.174	ng/ul#	86
16) 4-Methylphenol	8.34	108	238624	21.731	ng/ul	95
17) Hexachloroethane	8.61	117	86560	19.432	ng/ul	86
20) Nitrobenzene	8.77	77	285373	18.501	ng/ul	100
21) Isophorone	9.29	82	525961	19.876	ng/ul	98
23) 2-Nitrophenol	9.47	139	131496	20.669	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	270555	19.571	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	310963	19.474	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	223347	20.770	ng/ul#	94
28) Naphthalene	10.39	128	715250	19.007	ng/ul	99
30) 4-Chloroaniline	10.53	127	291698	21.202	ng/ul	98
31) Hexachlorobutadiene	10.65	225	132761	19.570	ng/ul	99
32) Caprolactam	11.33	113	72137m	22.594	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	246899	21.301	ng/ul	97
34) 2-Methylnaphthalene	12.01	142	533863	20.246	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	514858	20.679	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	265997	18.584	ng/ul#	96
38) Hexachlorocyclopentadiene	12.34	237	143290	19.517	ng/ul#	99
39) 2,4,6-Trichlorophenol	12.64	196	182935	20.485	ng/ul	98
40) 2,4,5-Trichlorophenol	12.72	196	187094	19.536	ng/ul	96
41) 1,1'-Biphenyl	13.04	154	696575	18.182	ng/ul#	96
42) 2-Chloronaphthalene	13.09	162	545332	18.587	ng/ul	98
43) 2-Nitroaniline	13.33	65	163540	20.297	ng/ul	93
45) Dimethylphthalate	13.69	163	669557	18.386	ng/ul	98
46) 2,6-Dinitrotoluene	13.83	165	138803	20.763	ng/ul	94
48) Acenaphthylene	13.94	152	882230	19.613	ng/ul	100
49) 3-Nitroaniline	14.17	138	137627	21.038	ng/ul#	93
50) Acenaphthene	14.29	153	592841	18.714	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	59573	15.390	ng/ul#	83
53) 4-Nitrophenol	14.49	109	73657	16.542	ng/ul#	78
54) Dibenzofuran	14.63	168	834718	18.868	ng/ul	95
55) 2,4-Dinitrotoluene	14.63	165	207540	20.965	ng/ul#	64
56) 2,3,4,6-Tetrachlorophenol	14.86	232	164624	20.406	ng/ul#	76
57) Diethylphthalate	15.06	149	716109	19.992	ng/ul	96
59) Fluorene	15.28	166	690589	19.698	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	341469	19.525	ng/ul	91
61) 4-Nitroaniline	15.34	138	151814	21.260	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.39	198	114591	16.661	ng/ul#	91
65) N-Nitrosodiphenylamine	15.50	169	599131	19.603	ng/ul	99
66) 4-Bromophenyl-phenylether	16.17	248	210542	19.735	ng/ul	97
67) Hexachlorobenzene	16.27	284	246938	19.115	ng/ul#	90
68) Atrazine	16.46	200	207548	19.405	ng/ul	96
69) Pentachlorophenol	16.64	266	124372	18.420	ng/ul	98
70) Phenanthrene	17.03	178	1050582	18.862	ng/ul	99
72) Anthracene	17.12	178	1100642	19.369	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	259518	18.221	ng/uL	98
74) Pentachlorobenzene	14.54	250	276745	18.577	ng/uL	98
75) Carbazole	17.40	167	961494	18.867	ng/ul	97
76) Di-n-butylphthalate	17.95	149	1178628	20.865	ng/ul	99
77) Fluoranthene	19.06	202	1190555	18.654	ng/ul#	89
80) Pyrene	19.42	202	1249401	22.585	ng/ul#	85
81) Butylbenzylphthalate	20.33	149	546733	24.960	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.12	252	397597	19.903	ng/ul#	97
83) Benzo(a)anthracene	21.17	228	1096733	19.815	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	804109	25.327	ng/ul	97
85) Chrysene	21.23	228	1036682	19.521	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1351608	26.585	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	967273	19.482	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	954756	20.024	ng/ul#	96
91) Benzo(a)pyrene	23.30	252	903629	19.038	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	1070798	18.016	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.61	278	907351	17.907	ng/ul#	96
94) Benzo(g,h,i)perylene	26.28	276	891587	17.951	ng/ul#	94

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

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