Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019403.D
Acq On : 24 Mar 2019 21:49
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Manual Integrations APPROVED
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3/26/2019 6:29:25 PM

Quant Time: Mar 25 04:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 02:03:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	123070	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.39	136	534566	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	313092	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	687186	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	769179	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	827326	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	23333	7.42	ng/uL	0.00
5) Phenol-d5	6.79	99	205696	18.77	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	131489	17.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	162679	19.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	158049	19.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	72816	19.10	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	80804	19.04	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.02	165	159146	19.87	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	189731	19.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	474592	18.79	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	602473	19.07	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	68526	17.30	ng/ul	-0.01
58) Fluorene-d10	15.26	176	415705	19.10	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	73792	16.24	ng/ul	-0.01
71) Anthracene-d10	17.12	188	637147	19.32	ng/ul	-0.01
79) Pyrene-d10	19.43	212	670503	18.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	840355	19.16	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	24303	6.795	ng/uL#	87
4) Benzaldehyde	6.77	77	149190	19.004	ng/ul	96
6) Phenol	6.81	94	213499	18.668	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	159574	18.239	ng/ul	97
10) 2-Chlorophenol	7.17	128	168098	19.908	ng/ul	99
11) 2-Methylphenol	8.05	108	151261	18.965	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.14	45	149474m	18.024	ng/ul	
14) Acetophenone	8.44	105	246223	18.378	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.42	70	141102	18.794	ng/ul#	87
16) 4-Methylphenol	8.38	108	168383	19.249	ng/ul	96
17) Hexachloroethane	8.66	117	65988	18.595	ng/ul	83
20) Nitrobenzene	8.82	77	198424	17.480	ng/ul	99
21) Isophorone	9.33	82	361067	18.541	ng/ul	98
23) 2-Nitrophenol	9.52	139	89969	19.217	ng/ul	94
24) 2,4-Dimethylphenol	9.57	107	186893	18.371	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	217772	18.532	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	158429	20.020	ng/ul	96
28) Naphthalene	10.43	128	519442	18.757	ng/ul	99
30) 4-Chloroaniline	10.57	127	197102	19.468	ng/ul	96
31) Hexachlorobutadiene	10.70	225	94187	18.867	ng/ul	98
32) Caprolactam	11.39	113	45652m	19.430	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	166095	19.472	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	370777	19.108	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	351363	19.177 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	187211	18.791 ng/ul#	96
38) Hexachlorocyclopentadiene	12.39	237	111323	21.784 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.69	196	120665	19.413 ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	130191	19.530 ng/ul	99
41) 1,1'-Biphenyl	13.09	154	480936	18.035 ng/ul#	96
42) 2-Chloronaphthalene	13.13	162	377657	18.493 ng/ul	98
43) 2-Nitroaniline	13.36	65	101161	18.038 ng/ul	95
45) Dimethylphthalate	13.73	163	473635	18.686 ng/ul#	99
46) 2,6-Dinitrotoluene	13.86	165	88750	19.073 ng/ul	93
48) Acenaphthylene	13.99	152	589159	18.818 ng/ul	99
49) 3-Nitroaniline	14.20	138	83889	18.423 ng/ul	94
50) Acenaphthene	14.33	153	408506	18.526 ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	52970	19.660 ng/ul#	88
53) 4-Nitrophenol	14.51	109	49868	16.090 ng/ul#	75
54) Dibenzofuran	14.67	168	581559	18.886 ng/ul	94
55) 2,4-Dinitrotoluene	14.66	165	135581	19.676 ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	14.90	232	112933	20.111 ng/ul#	87
57) Diethylphthalate	15.10	149	467730	18.760 ng/ul	96
59) Fluorene	15.32	166	471910	19.339 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	231988	19.057 ng/ul	94
61) 4-Nitroaniline	15.37	138	88729	17.851 ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.42	198	79064	16.434 ng/ul#	94
65) N-Nitrosodiphenylamine	15.54	169	403501	18.873 ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	141529	18.965 ng/ul	98
67) Hexachlorobenzene	16.32	284	167622	18.549 ng/ul	93
68) Atrazine	16.50	200	136381	18.228 ng/ul	97
69) Pentachlorophenol	16.67	266	114511	24.244 ng/ul	97
70) Phenanthrene	17.06	178	742188	19.049 ng/ul	99
72) Anthracene	17.16	178	747481	18.805 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	184356	18.504 ng/uL	99
74) Pentachlorobenzene	14.57	250	190389	18.270 ng/uL	98
75) Carbazole	17.44	167	650135	18.237 ng/ul	98
76) Di-n-butylphthalate	17.99	149	749167	18.959 ng/ul	99
77) Fluoranthene	19.09	202	836249	18.731 ng/ul#	90
80) Pyrene	19.46	202	879305	19.002 ng/ul#	85
81) Butylbenzylphthalate	20.36	149	336417	18.361 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.16	252	312596	18.708 ng/ul	98
83) Benzo(a)anthracene	21.21	228	881702	19.045 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	496900	18.711 ng/ul	96
85) Chrysene	21.26	228	832268	18.735 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	879130	17.036 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	960677	19.063 ng/ul#	97
89) Benzo(k)fluoranthene	22.82	252	893926	18.471 ng/ul#	97
91) Benzo(a)pyrene	23.34	252	912104	18.933 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1127587	18.691 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.68	278	953214	18.534 ng/ul#	96
94) Benzo(g,h,i)perylene	26.36	276	939851	18.643 ng/ul#	93

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

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