Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021519.D
Acq On : 18 Jul 2019 10:27
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Jul 18 11:19:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 02:48:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	170364	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	676714	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	393847	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	901208	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	913209	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	1024110	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27305	7.89	ng/uL	0.00
5) Phenol-d5	6.89	99	256546	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	150569	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	219071	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	205760	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	104637	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	113076	17.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	238296	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	261475	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	649202	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	841686	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	94741	17.33	ng/ul	0.00
57) Fluorene-d10	15.36	176	572916	18.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	95579	15.78	ng/ul	0.00
70) Anthracene-d10	17.22	188	907316	19.38	ng/ul	0.00
78) Pyrene-d10	19.51	212	974435	19.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	1062778	18.04	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27161	7.472	ng/uL	95
4) Benzaldehyde	6.88	77	178168	24.913	ng/ul	98
6) Phenol	6.92	94	261002	20.585	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	200297	20.432	ng/ul	97
10) 2-Chlorophenol	7.29	128	225021	20.536	ng/ul	98
11) 2-Methylphenol	8.16	108	197741	20.467	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	260949	21.830	ng/ul	99
14) Acetophenone	8.55	105	332868	20.945	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	163123	20.470	ng/ul	96
16) 4-Methylphenol	8.49	108	212525	20.748	ng/ul	93
17) Hexachloroethane	8.78	117	99634	20.794	ng/ul	99
20) Nitrobenzene	8.92	77	253604	20.312	ng/ul	100
21) Isophorone	9.45	82	451672	20.410	ng/ul	99
23) 2-Nitrophenol	9.63	139	122525	19.520	ng/ul	95
24) 2,4-Dimethylphenol	9.69	107	246383	20.175	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	280811	20.344	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	229151	19.927	ng/ul	100
28) Naphthalene	10.55	128	716056	20.332	ng/ul	99
30) 4-Chloroaniline	10.67	127	259772	23.911	ng/ul	99
31) Hexachlorobutadiene	10.82	225	172089	20.249	ng/ul	99
32) Caprolactam	11.48	113	68530	22.836	ng/ul	91
33) 4-Chloro-3-methylphenol	11.80	107	216675	20.243	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	516436	19.894	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	313824	20.488	ng/ul	99
37) Hexachlorocyclopentadiene	12.50	237	144700	18.570	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	187200	20.536	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	197874	20.480	ng/ul	99
40) 1,1'-Biphenyl	13.19	154	672019	20.387	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	542679	20.543	ng/ul	99
42) 2-Nitroaniline	13.46	65	114345	19.809	ng/ul	94
44) Dimethylphthalate	13.83	163	647730	20.166	ng/ul	98
45) 2,6-Dinitrotoluene	13.96	165	114127	19.512	ng/ul	97
47) Acenaphthylene	14.09	152	768518	20.396	ng/ul	99
48) 3-Nitroaniline	14.29	138	100530	19.107	ng/ul	99
49) Acenaphthene	14.43	153	560679	20.478	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	60427	17.179	ng/ul	97
52) 4-Nitrophenol	14.60	109	79053	19.416	ng/ul	96
53) Dibenzofuran	14.76	168	807681	20.364	ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	179550	20.015	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.99	232	174339	20.247	ng/ul	99
56) Diethylphthalate	15.19	149	620771	20.130	ng/ul	99
58) Fluorene	15.42	166	648240	20.202	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.41	204	361578	20.163	ng/ul	98
60) 4-Nitroaniline	15.46	138	105805	19.585	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.51	198	99787	16.557	ng/ul	98
64) N-Nitrosodiphenylamine	15.63	169	550367	20.529	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	224416	20.126	ng/ul	97
66) Hexachlorobenzene	16.41	284	266668	20.116	ng/ul	99
67) Atrazine	16.59	200	234243	23.650	ng/ul	99
68) Pentachlorophenol	16.77	266	135001	19.319	ng/ul	99
69) Phenanthrene	17.16	178	1029095	20.252	ng/ul	99
71) Anthracene	17.25	178	1050626	20.314	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	302976	20.508	ng/uL	99
73) Pentachlorobenzene	14.67	250	325562	21.392	ng/uL	99
74) Carbazole	17.53	167	869461	20.254	ng/ul	99
75) Di-n-butylphthalate	18.08	149	982991	19.987	ng/ul	99
76) Fluoranthene	19.17	202	1208147	20.022	ng/ul	99
79) Pyrene	19.54	202	1248072	20.650	ng/ul	98
80) Butylbenzylphthalate	20.44	149	409452	19.125	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.23	252	394167	19.413	ng/ul	99
82) Benzo(a)anthracene	21.29	228	1288591	20.605	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	616226	19.568	ng/ul	98
84) Chrysene	21.34	228	1214039	20.650	ng/ul	100
86) Di-n-octyl phthalate	22.10	149	1061560	19.188	ng/ul	100
87) Benzo(b)fluoranthene	22.88	252	1314582	20.598	ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	1305941	20.544	ng/ul	98
90) Benzo(a)pyrene	23.46	252	1266308	20.543	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.83	276	1567556	20.587	ng/ul	99
92) Dibenzo(a,h)anthracene	25.84	278	1318596	20.600	ng/ul	99
93) Benzo(g,h,i)perylene	26.52	276	1290839	20.548	ng/ul	99

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

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