Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026224.D
Acq On : 02 Jun 2020 12:43
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02090

Quant Time: Jun 02 13:22:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:00:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	127946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	513474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	294317	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	604981	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	646909	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	683197	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	29561	6.97	ng/uL	0.00
5) Phenol-d5	6.67	99	231366	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	154938	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	177657	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	176997	20.24	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	82413	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	90394	21.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	168787	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	211361	25.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	449480	19.04	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	553804	19.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	79693	19.07	ng/ul	0.00
58) Fluorene-d10	15.12	176	388044	18.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	67685	19.19	ng/ul	0.00
71) Anthracene-d10	16.96	188	589635	19.78	ng/ul	0.00
79) Pyrene-d10	19.27	212	655210	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	718152	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29884	6.78	ng/uL	92
4) Benzaldehyde	6.63	77	155305	20.56	ng/ul	94
6) Phenol	6.70	94	252135	19.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.91	93	194626	19.44	ng/ul	99
10) 2-Chlorophenol	7.04	128	189725	19.16	ng/ul	97
11) 2-Methylphenol	7.93	108	179270	20.00	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.01	45	346239	19.05	ng/ul	99
14) Acetophenone	8.29	105	291727	19.88	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.28	70	163672	18.93	ng/ul	94
16) 4-Methylphenol	8.25	108	194408	19.94	ng/ul	99
17) Hexachloroethane	8.53	117	80741	19.01	ng/ul	97
20) Nitrobenzene	8.66	77	238863	18.58	ng/ul	95
21) Isophorone	9.18	82	408138	19.09	ng/ul	99
23) 2-Nitrophenol	9.36	139	100603	20.90	ng/ul	93
24) 2,4-Dimethylphenol	9.44	107	215729	18.76	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	249399	18.49	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	169825	19.69	ng/ul	99
28) Naphthalene	10.28	128	589381	18.77	ng/ul	99
30) 4-Chloroaniline	10.40	127	218177	24.77	ng/ul	100
31) Hexachlorobutadiene	10.57	225	113977	19.70	ng/ul	97
32) Caprolactam	11.17	113	48765	20.33	ng/ul	96
33) 4-Chloro-3-methylphenol	11.54	107	188576	18.88	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	400620	18.97	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	365373	18.65	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	208820	19.80	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	118491	19.48	ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	130498	21.26	ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	139457	20.59	ng/ul	96
41) 1,1'-Biphenyl	12.94	154	496855	19.03	ng/ul	98
42) 2-Chloronaphthalene	12.97	162	386590	19.18	ng/ul	96
43) 2-Nitroaniline	13.19	65	135219	19.91	ng/ul	96
45) Dimethylphthalate	13.59	163	461986	18.64	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	95524	21.01	ng/ul	94
48) Acenaphthylene	13.83	152	594999	19.38	ng/ul	100
49) 3-Nitroaniline	14.03	138	96039	23.73	ng/ul	92
50) Acenaphthene	14.18	153	408061	18.85	ng/ul	100
51) 2,4-Dinitrophenol	14.24	184	38671	15.47	ng/ul	97
53) 4-Nitrophenol	14.36	109	70174	18.87	ng/ul	98
54) Dibenzofuran	14.52	168	575830	18.93	ng/ul	97
55) 2,4-Dinitrotoluene	14.50	165	136923	20.32	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.76	232	115127	20.21	ng/ul	99
57) Diethylphthalate	14.97	149	460855	18.81	ng/ul	100
59) Fluorene	15.17	166	470770	19.13	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	235100	19.14	ng/ul	98
61) 4-Nitroaniline	15.20	138	107248	21.21	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.27	198	68390	18.42	ng/ul	90
65) N-Nitrosodiphenylamine	15.39	169	397984	19.63	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	142375	20.21	ng/ul	99
67) Hexachlorobenzene	16.18	284	158252	19.98	ng/ul	98
68) Atrazine	16.36	200	137789	20.75	ng/ul	97
69) Pentachlorophenol	16.53	266	71775	16.45	ng/ul	95
70) Phenanthrene	16.91	178	731257	19.19	ng/ul	100
72) Anthracene	17.00	178	750537	19.63	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	204632	20.25	ng/uL	99
74) Pentachlorobenzene	14.44	250	191748	20.00	ng/uL	98
75) Carbazole	17.27	167	670189	21.19	ng/ul	99
76) Di-n-butylphthalate	17.86	149	769558	20.31	ng/ul	99
77) Fluoranthene	18.93	202	846342	21.17	ng/ul	100
80) Pyrene	19.30	202	880391	19.39	ng/ul	96
81) Butylbenzylphthalate	20.23	149	355481	22.11	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.00	252	293322	24.76	ng/ul	99
83) Benzo(a)anthracene	21.05	228	879334	19.72	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	517137	20.75	ng/ul	99
85) Chrysene	21.10	228	860262	19.41	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	883810	20.58	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	902544	19.53	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	859855	18.63	ng/ul	99
91) Benzo(a)pyrene	23.09	252	788559	19.39	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1007629	19.09	ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	859389	19.23	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	819049	18.59	ng/ul	98

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

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