Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026216.D
Acq On : 02 Jun 2020 02:41
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02089

Quant Time: Jun 02 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	149701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	596546	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	350426	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	732574	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	744735	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	794714	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	32810	6.61	ng/uL	0.00
5) Phenol-d5	6.68	99	271588	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	178931	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	207150	19.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	207875	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	98095	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	110349	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	197336	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	252649	25.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	533165	18.97	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	659730	19.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	98484	19.79	ng/ul	0.00
58) Fluorene-d10	15.12	176	465751	19.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	80541	18.86	ng/ul	0.00
71) Anthracene-d10	16.97	188	703945	19.50	ng/ul	0.00
79) Pyrene-d10	19.27	212	774171	20.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	831678	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	35694	6.92	ng/uL	88
4) Benzaldehyde	6.63	77	179831	20.35	ng/ul	92
6) Phenol	6.70	94	300870	19.76	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.92	93	226089	19.30	ng/ul	98
10) 2-Chlorophenol	7.05	128	226554	19.55	ng/ul	94
11) 2-Methylphenol	7.93	108	211124	20.13	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.01	45	393098	18.49	ng/ul	98
14) Acetophenone	8.29	105	341341	19.88	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.28	70	189111	18.69	ng/ul	94
16) 4-Methylphenol	8.26	108	227369	19.93	ng/ul	97
17) Hexachloroethane	8.53	117	96895	19.49	ng/ul	97
20) Nitrobenzene	8.66	77	274065	18.35	ng/ul	93
21) Isophorone	9.19	82	488048	19.65	ng/ul	99
23) 2-Nitrophenol	9.36	139	121453	21.72	ng/ul	88
24) 2,4-Dimethylphenol	9.44	107	250026	18.72	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	287805	18.37	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	201262	20.09	ng/ul	99
28) Naphthalene	10.28	128	690924	18.94	ng/ul	100
30) 4-Chloroaniline	10.40	127	258494	25.26	ng/ul	99
31) Hexachlorobutadiene	10.57	225	133599	19.88	ng/ul	99
32) Caprolactam	11.18	113	63746	22.88	ng/ul	95
33) 4-Chloro-3-methylphenol	11.55	107	227146	19.58	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	470460	19.18	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	432303	18.99	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	242982	19.35	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	142734	19.71	ng/ul	97
39) 2,4,6-Trichlorophenol	12.54	196	156346	21.40	ng/ul	96
40) 2,4,5-Trichlorophenol	12.61	196	167671	20.79	ng/ul	99
41) 1,1'-Biphenyl	12.94	154	590584	18.99	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	453105	18.88	ng/ul	98
43) 2-Nitroaniline	13.19	65	162586	20.10	ng/ul	95
45) Dimethylphthalate	13.59	163	560488	19.00	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	117294	21.67	ng/ul	95
48) Acenaphthylene	13.83	152	707179	19.35	ng/ul	99
49) 3-Nitroaniline	14.03	138	119533	24.81	ng/ul	94
50) Acenaphthene	14.18	153	490093	19.01	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	44467	14.94	ng/ul	93
53) 4-Nitrophenol	14.37	109	81440	18.39	ng/ul	93
54) Dibenzofuran	14.52	168	680322	18.78	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	163645	20.40	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.76	232	142109	20.96	ng/ul	98
57) Diethylphthalate	14.97	149	557844	19.12	ng/ul	100
59) Fluorene	15.17	166	561515	19.16	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.18	204	278733	19.06	ng/ul	95
61) 4-Nitroaniline	15.20	138	132241	21.97	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.27	198	83564	18.58	ng/ul#	89
65) N-Nitrosodiphenylamine	15.39	169	478331	19.48	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	172582	20.23	ng/ul	98
67) Hexachlorobenzene	16.18	284	188334	19.63	ng/ul	98
68) Atrazine	16.36	200	168357	20.94	ng/ul	97
69) Pentachlorophenol	16.53	266	79670	15.08	ng/ul	98
70) Phenanthrene	16.91	178	863092	18.70	ng/ul	99
72) Anthracene	17.00	178	894153	19.31	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	243130	19.87	ng/uL	99
74) Pentachlorobenzene	14.45	250	228748	19.70	ng/uL	100
75) Carbazole	17.27	167	794201	20.74	ng/ul	99
76) Di-n-butylphthalate	17.86	149	948357	20.67	ng/ul	99
77) Fluoranthene	18.93	202	996644	20.59	ng/ul	100
80) Pyrene	19.30	202	1024426	19.59	ng/ul	97
81) Butylbenzylphthalate	20.23	149	435010	23.51	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.00	252	343244	25.17	ng/ul	99
83) Benzo(a)anthracene	21.05	228	992526	19.34	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	627807	21.89	ng/ul	99
85) Chrysene	21.10	228	971903	19.05	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	1080228	21.63	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1026017	19.09	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	992294	18.48	ng/ul	99
91) Benzo(a)pyrene	23.09	252	904551	19.12	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1173720	19.12	ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	995941	19.16	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	973471	19.00	ng/ul	98

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

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