Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026171.D
Acq On : 29 May 2020 10:27
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02084

Quant Time: May 29 11:07:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 11:06:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	124268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	508001	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	305346	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	656093	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	721015	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	747224	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25918	6.29	ng/uL	0.00
5) Phenol-d5	6.67	99	224861	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	150781	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	169252	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	174165	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	81255	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	84815	20.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	164817	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	215475	25.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	462230	18.88	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	564425	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	78287	18.05	ng/ul	0.00
58) Fluorene-d10	15.12	176	408540	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	71263	18.63	ng/ul	0.00
71) Anthracene-d10	16.97	188	635621	19.66	ng/ul	0.00
79) Pyrene-d10	19.27	212	715523	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	785532	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29559	6.906	ng/uL	89
4) Benzaldehyde	6.63	77	148005	20.176	ng/ul	93
6) Phenol	6.70	94	249734	19.762	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.92	93	191697	19.715	ng/ul	97
10) 2-Chlorophenol	7.05	128	185210	19.257	ng/ul	96
11) 2-Methylphenol	7.93	108	175455	20.151	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.01	45	336394	19.060	ng/ul	99
14) Acetophenone	8.29	105	287429	20.166	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	157316	18.731	ng/ul	96
16) 4-Methylphenol	8.26	108	193498	20.435	ng/ul	98
17) Hexachloroethane	8.53	117	75071	18.195	ng/ul	99
20) Nitrobenzene	8.66	77	238993	18.790	ng/ul	97
21) Isophorone	9.19	82	399509	18.884	ng/ul	100
23) 2-Nitrophenol	9.37	139	97603	20.497	ng/ul	91
24) 2,4-Dimethylphenol	9.44	107	214801	18.882	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.67	93	244227	18.303	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	167606	19.647	ng/ul	99
28) Naphthalene	10.29	128	586864	18.894	ng/ul	98
30) 4-Chloroaniline	10.40	127	227716	26.130	ng/ul	99
31) Hexachlorobutadiene	10.58	225	107942	18.858	ng/ul	98
32) Caprolactam	11.17	113	48966	20.638	ng/ul	97
33) 4-Chloro-3-methylphenol	11.55	107	195773	19.815	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	401651	19.226	ng/ul	99

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35) 1-Methylnaphthalene	12.13	142	374114	19.302 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	209093	19.105 ng/ul	97
38) Hexachlorocyclopentadiene	12.27	237	106179	16.829 ng/ul	100
39) 2,4,6-Trichlorophenol	12.54	196	129638	20.361 ng/ul	96
40) 2,4,5-Trichlorophenol	12.61	196	143043	20.359 ng/ul	94
41) 1,1'-Biphenyl	12.94	154	506626	18.699 ng/ul	100
42) 2-Chloronaphthalene	12.98	162	393070	18.800 ng/ul	98
43) 2-Nitroaniline	13.20	65	140667	19.962 ng/ul	98
45) Dimethylphthalate	13.59	163	483109	18.792 ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	96479	20.453 ng/ul	93
48) Acenaphthylene	13.84	152	611721	19.207 ng/ul	100
49) 3-Nitroaniline	14.03	138	97886	23.314 ng/ul	97
50) Acenaphthene	14.19	153	420437	18.718 ng/ul	97
51) 2,4-Dinitrophenol	14.25	184	42969	16.571 ng/ul	87
53) 4-Nitrophenol	14.36	109	72116	18.689 ng/ul	94
54) Dibenzofuran	14.53	168	598884	18.973 ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	142957	20.449 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.76	232	124061	20.996 ng/ul#	96
57) Diethylphthalate	14.97	149	480441	18.900 ng/ul	99
59) Fluorene	15.18	166	493247	19.317 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	245572	19.271 ng/ul	99
61) 4-Nitroaniline	15.20	138	107005	20.401 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.27	198	76199	18.920 ng/ul	94
65) N-Nitrosodiphenylamine	15.40	169	422326	19.206 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	148064	19.379 ng/ul	99
67) Hexachlorobenzene	16.19	284	165869	19.308 ng/ul	100
68) Atrazine	16.36	200	142641	19.809 ng/ul	99
69) Pentachlorophenol	16.53	266	89564	18.930 ng/ul	97
70) Phenanthrene	16.92	178	783994	18.970 ng/ul	100
72) Anthracene	17.00	178	805290	19.422 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	206928	18.882 ng/uL	100
74) Pentachlorobenzene	14.45	250	198463	19.089 ng/uL	99
75) Carbazole	17.28	167	729278	21.260 ng/ul	99
76) Di-n-butylphthalate	17.87	149	787071	19.158 ng/ul	99
77) Fluoranthene	18.94	202	920929	21.243 ng/ul	99
80) Pyrene	19.30	202	972325	19.210 ng/ul	96
81) Butylbenzylphthalate	20.23	149	350248	19.549 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.00	252	306790	23.235 ng/ul	99
83) Benzo(a)anthracene	21.06	228	970204	19.522 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	538911	19.404 ng/ul	98
85) Chrysene	21.11	228	949114	19.214 ng/ul	100
87) Di-n-octyl phthalate	21.87	149	920435	19.599 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1009272	19.969 ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	929866	18.419 ng/ul	99
91) Benzo(a)pyrene	23.10	252	858066	19.291 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1074032	18.605 ng/ul	98
93) Dibenzo(a,h)anthracene	25.28	278	914522	18.708 ng/ul	98
94) Benzo(g,h,i)perylene	25.90	276	852110	17.685 ng/ul	97

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

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