Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
Data File : BM027421.D
Acq On : 15 Sep 2020 20:41
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Quant Time: Sep 16 00:42:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 15 13:17:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	113271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	403612	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	271850	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	618124	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	691626	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	743413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	28388	11.15	ng/uL	0.00
5) Phenol-d5	6.75	99	171126	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	118090	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	140443	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	132162	17.36	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	66620	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	74161	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	148377	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	160401	18.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	430444	19.90	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	521445	21.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	62469	16.40	ng/ul	0.00
58) Fluorene-d10	15.20	176	392864	20.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	69721	17.62	ng/ul	0.00
71) Anthracene-d10	17.04	188	613326	20.98	ng/ul	0.00
79) Pyrene-d10	19.34	212	708074	22.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	804385	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	28225	9.264	ng/uL	93
4) Benzaldehyde	6.70	77	126521	18.799	ng/ul	96
6) Phenol	6.77	94	185085	18.653	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	155330	19.490	ng/ul	97
10) 2-Chlorophenol	7.13	128	148460	20.820	ng/ul	98
11) 2-Methylphenol	8.00	108	132696	18.118	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	114617	19.072	ng/ul	98
14) Acetophenone	8.37	105	233431	18.265	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	136180	18.623	ng/ul	99
16) 4-Methylphenol	8.33	108	142013	17.765	ng/ul	99
17) Hexachloroethane	8.62	117	75279	21.219	ng/ul	99
20) Nitrobenzene	8.74	77	202953	20.452	ng/ul	99
21) Isophorone	9.27	82	328743	19.519	ng/ul	98
23) 2-Nitrophenol	9.45	139	78093	21.587	ng/ul	91
24) 2,4-Dimethylphenol	9.52	107	175679	21.208	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	191057	19.969	ng/ul	98
27) 2,4-Dichlorophenol	9.98	162	149830	20.984	ng/ul	98
28) Naphthalene	10.37	128	449734	20.971	ng/ul	99
30) 4-Chloroaniline	10.49	127	170521	19.960	ng/ul	100
31) Hexachlorobutadiene	10.67	225	122408	21.736	ng/ul	98
32) Caprolactam	11.26	113	35901	15.858	ng/ul	94
33) 4-Chloro-3-methylphenol	11.63	107	147296	19.369	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	329396	20.316	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	309841	19.203 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	208493	22.815 ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	126879	21.219 ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	126004	22.674 ng/ul	96
40) 2,4,5-Trichlorophenol	12.69	196	133077	22.171 ng/ul	95
41) 1,1'-Biphenyl	13.03	154	444634	21.747 ng/ul	99
42) 2-Chloronaphthalene	13.06	162	361132	21.704 ng/ul	97
43) 2-Nitroaniline	13.27	65	101573	20.791 ng/ul	97
45) Dimethylphthalate	13.66	163	448669	19.682 ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	87425	20.113 ng/ul	99
48) Acenaphthylene	13.92	152	529296	21.456 ng/ul	97
49) 3-Nitroaniline	14.10	138	73398	18.957 ng/ul	100
50) Acenaphthene	14.26	153	375059	21.171 ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	40002	14.713 ng/ul	91
53) 4-Nitrophenol	14.43	109	69638	17.541 ng/ul	97
54) Dibenzofuran	14.60	168	553648	20.900 ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	130391	19.461 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.83	232	120901	20.325 ng/ul	98
57) Diethylphthalate	15.04	149	456693	19.212 ng/ul	99
59) Fluorene	15.25	166	460052	20.206 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	249479	20.022 ng/ul	98
61) 4-Nitroaniline	15.27	138	73156	16.278 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	71292	16.647 ng/ul#	96
65) N-Nitrosodiphenylamine	15.47	169	392753	22.532 ng/ul	97
66) 4-Bromophenyl-phenylether	16.14	248	156289	21.842 ng/ul	98
67) Hexachlorobenzene	16.26	284	183917	21.232 ng/ul	96
68) Atrazine	16.43	200	145062	19.210 ng/ul	100
69) Pentachlorophenol	16.60	266	88905	16.724 ng/ul	98
70) Phenanthrene	16.99	178	746573	21.090 ng/ul	99
72) Anthracene	17.07	178	757431	21.003 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	207866	25.548 ng/uL	99
74) Pentachlorobenzene	14.52	250	204310	22.770 ng/uL	95
75) Carbazole	17.35	167	635096	20.805 ng/ul	99
76) Di-n-butylphthalate	17.93	149	768037	20.259 ng/ul	99
77) Fluoranthene	19.01	202	884829	20.286 ng/ul	98
80) Pyrene	19.37	202	943457	22.549 ng/ul	99
81) Butylbenzylphthalate	20.30	149	349130	21.801 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	299622	19.726 ng/ul	97
83) Benzo(a)anthracene	21.13	228	945312	21.094 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	525759	21.073 ng/ul	99
85) Chrysene	21.18	228	934040	21.095 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	911502	19.744 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1028155	20.948 ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	970495	19.722 ng/ul	99
91) Benzo(a)pyrene	23.21	252	879716	19.211 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.46	276	1134135	18.866 ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	942510	18.536 ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	955346	19.014 ng/ul	99

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

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