Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092120\
Data File : BM027490.D
Acq On : 21 Sep 2020 11:40
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02025

Manual Integrations APPROVED
mohammad
9/22/2020 10:08:28 AM

Quant Time: Sep 21 12:25:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 21 12:23:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	84273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	324593	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	244968	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	574898	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	635573	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	679072	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	21003	11.09	ng/uL	0.00
5) Phenol-d5	6.69	99	129524	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	92526	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	106190	20.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	103013	18.18	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	51604	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	57565	21.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	124658	21.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	135526	19.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	384427	19.72	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	459505	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	52213	15.21	ng/ul	0.00
58) Fluorene-d10	15.14	176	367809	21.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	63525	17.27	ng/ul	0.00
71) Anthracene-d10	16.99	188	568448	20.91	ng/ul	0.00
79) Pyrene-d10	19.29	212	650251	22.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	731684	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	22191	9.790	ng/uL	95
4) Benzaldehyde	6.65	77	95965	19.166	ng/ul	98
6) Phenol	6.71	94	142486	19.301	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	117437	19.806	ng/ul	99
10) 2-Chlorophenol	7.07	128	113906	21.471	ng/ul	98
11) 2-Methylphenol	7.95	108	101212	18.575	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	84331	18.861	ng/ul	97
14) Acetophenone	8.31	105	194260	20.430	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	112541	20.686	ng/ul	97
16) 4-Methylphenol	8.27	108	112633	18.938	ng/ul	98
17) Hexachloroethane	8.56	117	59509	22.546	ng/ul	96
20) Nitrobenzene	8.68	77	167397	20.976	ng/ul	98
21) Isophorone	9.21	82	276021	20.379	ng/ul	99
23) 2-Nitrophenol	9.39	139	65628	22.558	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	144469	21.686	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	157521	20.472	ng/ul	96
27) 2,4-Dichlorophenol	9.92	162	124700	21.716	ng/ul	97
28) Naphthalene	10.31	128	363396	21.070	ng/ul	100
30) 4-Chloroaniline	10.43	127	139385	20.287	ng/ul	98
31) Hexachlorobutadiene	10.61	225	107023	23.631	ng/ul	96
32) Caprolactam	11.19	113	28131m	15.451	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	121072	19.796	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	275756	21.148	ng/ul	100

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 21 12:23:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	261301	20.137 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	187259	22.740 ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	118323	21.960 ng/ul	95
39) 2,4,6-Trichlorophenol	12.56	196	108197	21.606 ng/ul	94
40) 2,4,5-Trichlorophenol	12.63	196	116845	21.603 ng/ul	97
41) 1,1'-Biphenyl	12.97	154	388482	21.085 ng/ul	99
42) 2-Chloronaphthalene	13.00	162	315422	21.037 ng/ul	99
43) 2-Nitroaniline	13.22	65	87745	19.931 ng/ul	97
45) Dimethylphthalate	13.62	163	407731	19.849 ng/ul	98
46) 2,6-Dinitrotoluene	13.73	165	76325	19.486 ng/ul	97
48) Acenaphthylene	13.86	152	469723	21.131 ng/ul	98
49) 3-Nitroaniline	14.05	138	60146	17.239 ng/ul#	93
50) Acenaphthene	14.21	153	339031	21.238 ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	54462	22.230 ng/ul	94
53) 4-Nitrophenol	14.37	109	61852	17.289 ng/ul	95
54) Dibenzofuran	14.54	168	512518	21.470 ng/ul	96
55) 2,4-Dinitrotoluene	14.52	165	118113	19.563 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.78	232	110646	20.642 ng/ul	99
57) Diethylphthalate	14.99	149	434015	20.262 ng/ul	99
59) Fluorene	15.20	166	425763	20.752 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	237593	21.160 ng/ul	100
61) 4-Nitroaniline	15.22	138	65957	16.287 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.29	198	67331	16.904 ng/ul#	100
65) N-Nitrosodiphenylamine	15.42	169	365490	22.545 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	151326	22.738 ng/ul	96
67) Hexachlorobenzene	16.21	284	173687	21.558 ng/ul	99
68) Atrazine	16.38	200	137283	19.547 ng/ul	99
69) Pentachlorophenol	16.55	266	82431	16.672 ng/ul	97
70) Phenanthrene	16.93	178	690395	20.969 ng/ul	99
72) Anthracene	17.03	178	704901	21.016 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	183745	24.281 ng/uL	98
74) Pentachlorobenzene	14.47	250	192524	23.070 ng/uL	96
75) Carbazole	17.30	167	569291	20.052 ng/ul	99
76) Di-n-butylphthalate	17.89	149	756535	21.456 ng/ul	99
77) Fluoranthene	18.96	202	826645	20.377 ng/ul	99
80) Pyrene	19.32	202	873414	22.716 ng/ul	99
81) Butylbenzylphthalate	20.25	149	327760	22.272 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	263284	18.862 ng/ul	99
83) Benzo(a)anthracene	21.08	228	869187	21.106 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	527256	22.997 ng/ul	99
85) Chrysene	21.13	228	849540	20.878 ng/ul	99
87) Di-n-octyl phthalate	21.90	149	885057	20.988 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	888617	19.821 ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	945865	21.043 ng/ul	99
91) Benzo(a)pyrene	23.14	252	807352	19.301 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.35	276	1028541	18.730 ng/ul	100
93) Dibenzo(a,h)anthracene	25.36	278	880601	18.959 ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	866709	18.884 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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